

## EVALUATION: TEMPLATE

### Name:

Class Year:  
Major:  
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So that we can improve our courses and our teaching, we solicit feedback from you, the student. Below, please provide your comments and suggestions so that we know more about your experience with this course. You need not limit your comments to your responses for the questions below; you may make further comments at the end of each part of the questionnaire.

These forms will be used to evaluate Professor Alvarado. This is why we ask you to enter your name; senior members of the Department, administrative staff, the Dean of the Faculty, the President, and the Committee of Six will see your name on the evaluation. However, your name will be removed from the copy given to Professor Alvarado.

**Thank you for your time and consideration in answering these questions. This feedback is very important to the professor as well as to the development of our courses, and your effort is greatly appreciated.**

### From Professor Alvarado:

*Please take the time to complete this evaluation! Your comments will be carefully considered by both myself and the college to assess my teaching. I appreciate constructive comments toward improving the course and my teaching in general. When answering the questions, please consider the different aspects of the course, for example, the text, lectures, homework, worksheets, exams and in-class activities. It is important that we hear from everyone in the course to get a complete view of whether every student's learning objectives are being met. Please use these evaluations as an opportunity to reflect on the course and let us know what worked well and what could be improved. Thank you!*

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

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### TEACHING: Please comment on Professor Alvarado as a teacher.

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.
2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.
4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?
5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?
6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

### **THE COURSE**

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?
8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?
9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

### **YOURSELF**

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

## EVALUATION: By Question

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### 1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

1. Yes. Professor Alvarado was always very enthusiastic in class and encouraging which made me want to try harder.
2. Yes I thought he was very engaging and wanted us to succeed.
3. Yes, Professor Alvarado was very enthusiastic when teaching which kept me engaged.
4. Yes
5. My professor kept us very engaged in class, was always upbeat and positive, and made us all feel like he personally cared about our success. As a more reserved student, I appreciated his continuous efforts to encourage me to participate in class and reach out for extra help.
6. Yes. Professor Alvarado was always very energetic and engaged in class and this prompted students to mirror his attitude.
7. Absolutely, the classroom atmosphere Prof. Alvarado created was one of the most positive I've ever had.
8. Definitely. Professor Alvarado was the most energetic teacher I had this semester, and one of the most engaging I've ever had. Though the classes were taught lecture-style, it was never boring.
9. Yes, Professor Alvarado always came to class with energy and excitement about the material he was presenting
10. Yes, he kept me engaged during the classes and kept me motivated me during the semester despite the difficulty of the material. He always maintained a high level of energy which kept the class interesting and made me feel motivated to succeed.
11. Yes he was a very motivative professor . He engaged the class very well, and made it very enjoyable every time I went to the lectures.
12. Yes he did. He spoke loudly and clearly and taught with enthusiasm. His energy helped me pay attention to his lectures. Professor Alvarado also motivated me through his words of encouragement and advice for doing better in his class.
13. Yes. Even though there were (many) occasions where I struggled and didn't perform well on assessments, he would always encourage me on doing better the next assessment. He would occasionally interject in class that we could do it, and that we all could succeed. He's a pretty nice guy.
14. Yes, Professor Alvarado did a good job in keeping me personally engaged and motivated to succeed.
15. Yes. Professor Alvarado always brought a lot of energy to his lectures which really helped me, as a student, to stay interested in the lecture because he made it sound like it was honestly important. Furthermore, he always answered student responses with affirmative phrases and/or explaining that there might be a better answer without telling them that they are wrong. This helped me to be less afraid of putting myself out there while answering a question.
16. Usually. It's hard to keep everyone engaged early in the morning, but he did a decent job. Definitely motivational beyond even math.
17. Yes. He was extremely engaging and very clear about the expectations of the course.
18. Professor Alvarado definitely created an atmosphere that kept me engaged in the course content and motivated me to succeed. I have never been bored in his class, as his lectures are always fast paced and full of energy. Professor Alvarado helped me rekindle my curiosity for mathematics, and because of my experience in this class, I am looking forward to continuing calculus in the future.
19. Yes, Professor Alvarado always came to class enthusiastic and created an engaging atmosphere with his spirit.
20. Absolutely. Prof. Alvarado has an incredibly upbeat, contagious personality. Through encouraging us to work out problems before he finished them on the board, I found my class time useful and thoroughly enjoyed attending lecture.
21. Yes. He continuously asked questions and engaged with class in a welcoming manner.
22. Yes, made this class my favorite to come to, even if the subject wasn't necessarily my favorite. Enthusiastic, passionate, engaging, and very aware of his "audience" throughout every lecture. Asked lots of questions throughout problems to further participation and thinking.

23. Yes he did, his enthusiasm made me more excited to learn about a topic that I normally would not be interested in.
24. Yes he was very engaging and enthusiastic about the material which made it more interesting and easier to learn.
25. Yes, because Prof. Alvarado would give plenty of examples and explain why things are important.
26. Yes. He is always very excited about the material, and he teaches in a way that is very engaging. Math can be pretty boring for me, and I usually become lost in class. In this Calc class, I was almost always engaged.
27. He did keep me engaged in the course content and he motivated me to succeed because this class was challenging, so I had to work very hard to not fall behind.
28. Yes. He is always energetic and enthusiastic and that makes him easy to approach.
29. Yes. Very energetic and virtual note taking system was great.

**2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.**

1. Yes. He wrote down all his notes very nicely and uploaded them on moodle which was helpful. He also did many examples when we were learning a new topic which was helpful when it came time to do the homework.
2. Very well organized, with notes online and always available, which was very helpful.
3. Yes, the material was well presented and each lecture was organized to relate to material that had been previously learned.
4. Yes
5. He always did a very good job of creating very organized lessons that yielded clear notes and were usually very well rounded and easy to understand.
6. Yes. The online course notebook was well organized, and the weekly plans helped know what was covered when, when I was looking for notes to review. Working through the example questions for each type of problem that were given each class greatly helped elucidate me on how to do the problems on my own.
7. Yes, the lectures were easy to follow and very clear
8. Yes, his organization was always very clear. I really liked the predictability of his classes; I knew that we would have a lecture which reviewed the previous topic, introduced a new topic, went through examples of the new topic, and challenged us with more difficult examples.
9. While he did take notes on an iPad, I sometimes found that his notes were hard to read and seemed rushed
10. The material was well organized and was presented in a very cohesive manner, which was especially useful given the level of difficulty which the material carried.
11. Yes he followed the textbook in almost perfect chronological order which made the fluidity of the class even better.
12. Yes he did. He covered all the sections in an organized and timely fashion. He posted his lecture notes onto Moodle which also helped me stay organized and on task.
13. Yes. He lectured coherently and had great example problems — albeit his handwriting isn't the neatest (made it a bit difficult to look at his notes or answer sheets to study. E.g. hard to tell if a letter is a y or a g.
14. Very organized, I was immensely helped by the consistency and availability of his notes and note taking system. Well contrived and executed.
15. Yes. As someone who has taken Calculus before, I especially appreciated that he saved functions with the number  $e$  until the end of the semester, after we had mastered derivatives and integrals rather than incorporating it as we went along, which I have found in the past to be a lot of information to take in at once.
16. Yes, for the most part. Some stuff went a little quickly and I didn't entirely understand everything.
17. I would argue that he did. I especially appreciated that he posted notes from each lecture!!
18. Professor Alvarado always presented material in a well organized and clear way. If there were any confusions, he was always open to have students ask questions about a particular math problem, proof, or

*something else covered in the class notes. Also, lectures notes were color coded, which I really appreciated.*

*19. Yes, he always made it clear what information was important to make a note of, and had the notes available to us.*

*20. The format that Prof. Alvarado presents the class is the absolute best possible format. In fact, I believe all science/math classes should use the virtual notebook. In quantitative classes, I think it is absolutely necessary for students to have the opportunity to dedicate their concentration on the concepts themselves rather than recording their application manually.*

*21. Yes. The weekly plan he provided contained a detailed outline of the the week, and during every class he mentioned which sections we would cover.*

*22. Yes, really liked the notes being done on the surface pro. Organized, came to class with a clear plan, consistent structure to notes.*

*23. Yes, his slides were always clear and they were a good resource to refer back to if I needed them.*

*24. Yes he did a good job of being clear and explaining material well, and took the time to answer questions if people did not understand.*

*25. Yes. For example, Prof. Alvarado would explain why the derivative of  $\ln(x) = 1/x$  (because of implicit differentiation). In the past, my teachers would just give us the definition and not explain this.*

*26. Yes. He always told us what section we were working on, and he was very intentional about how he presented the material to us and in what order.*

*27. It was pretty well organized. At times, I wished that he would slow down or go slightly more in depth, but I also realized that he is on a pretty script time limit, so there is not always enough time for that*

*28. Yes. He always posted weekly plans on Moodle and adhered to them. His use of Microsoft online to organize class notes was one of the most helpful things to me in the class.*

*29. Yes. Class notes were neat and well presented and always available online.*

**3. Did Professor Alvarado encourage students to make comments/ask questions during lecture?  
Please comment on your response.**

*1. Yes. He asked questions often, and encouraged other kids to answer when only a few kids were answering.*

*2. Yes, but sometimes felt rushed so there wasn't that much time for questions.*

*3. Yes, students were encouraged to make comments during class. However, there were sometimes prolonged periods of silence in class when no one was willing to answer a question.*

*4. Yes*

*5. He always asked frequent questions, called on quieter students, and had us bring the lesson back to the essential question of the course.*

*6. Yes. Professor Alvarado was always willing to put his own lecture on hold if a student was having trouble following, or had a question inspired by the material being covered. Additionally, having students answer each in-class example problem step-by-step encouraged everyone to think about the process, not just the person responding aloud.*

*7. Yes, Prof. Alvarado always encouraged questions*

*8. Yes. He frequently asked us if we had any questions before he moved onto a new subject.*

*9. Yes, he always started class and ended every mini section asking us if we had questions or comments or concerns*

*10. Yes he always encouraged participation and was eager to call on students to answer questions. During class he would always present examples and find ways to engage the class to ensure that we were completely understanding the material.*

*11. Yes, whenever no one raised their hands he would always try to engage the class telling us that there was no such thing as a wrong answer. This encouraged me to be more positive during class time.*

*12. Yes he did. Professor Alvarado never cold called but he did encourage everyone to participate and ask questions. After he would go over a section, he would pause for a little and ask us if we had any questions or if we were unclear on a particular thing.*

*13. Yes. Always asks if there a questions/comments, and doesn't proceed until he is sure that all there questions that students have are clarified.*

14. Professor Alvarado did a good job encouraging us to ask clarifying questions before moving on, and was always open to entertaining other questions.
15. Absolutely. He often poses questions to the class and waits until someone responds, rather than answering his own question (though he does have to answer his own questions from time to time if the class seems particularly tired). I have been very impressed at his answers to students' questions or answers to his questions. I have obviously answered questions wrong in his class, but even after I do, I don't feel all that bad or embarrassed because he does a good job acknowledging why we might have thought that way, but suggesting there is a different answer.
16. Yes. Definitely fielded questions well.
17. He did. You were encouraged to ask questions any questions during, pretty much, any time. His famous quote: "Any questions, comments or concerns" -- he said this after we finished every single section
18. Professor Alvarado always encourages students to make comments and ask questions during lectures. I am not someone who usually likes to ask questions in class, but Professor Alvarado's kind and down to earth nature creates an environment in which questions can be asked at any point of the lecture. After every example problem, he pauses to ask if any students have any questions before continuing to the next problem.
19. Yes, he would encourage me often to speak out even if my answers were wrong and did not discourage me if I did say something incorrect. He also encouraged students to allow people who didn't speak out to have a chance to speak.
20. Yes. Several times during each lecture.
21. Yes. He would constantly ask questions, often trying to make everyone in the class participate.
22. Yes, frequently proposed questions or issues to the class that would catalyze further thinking and thus questions from the students, huge advocate for participation/class involvement
23. Yes, he always emphasized that it doesn't matter if you are wrong, he just cares about the effort.
24. Yes there were many opportunities to participate in class whether by asking questions or providing answers to questions.
25. Yes, he would encourage wide class participation even though the math class was slightly big, which I appreciated and helped stimulate us.
26. Yes, definitely. He was always asking for comments and questions, and often allotted lots of class time to students questions.
27. He very much encouraged students to ask questions in class. He also did a very good job of making sure that it was many students asking questions, and not just a few students that talked a lot.
28. Yes. He encouraged participation. Though he encouraged participation he never randomly picked on anyone and that was good.
29. Yes, he would frequently ask questions that engaged the class.

**4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?**

1. Yes. He had office hours often throughout the week, and he was open to meet with you if you couldn't make his times. He was always very helpful in office hours as he would help walk you through the problems you were confused with.
2. Yes I found office hours extremely helpful and Professor Alvarado was very accommodating and flexible.
3. Yes.
4. Yes
5. Professor Alvarado always made his office hours clear and was very willing to meet with kids outside of class, as well as promoting the fellows that were available.
6. Yes. Although I did not use his office hours, Professor Alvarado was always quick to respond to emails, and to begin a conversation of his own initiative if he believed a student needed help.
7. Yes, Prof. Alvarado always made sure to have office hours available and was easy to communicate with outside of class
8. Very much so. I went to his office hours on multiple occasions and found them extremely useful.

9. Yes, he responded to emails quickly, and has a wide range of office hour times. I did go to office hours and he was helpful, although sometimes they were quite crowded with students from his other classes as well (which I guess he cannot help)
10. Office hours were especially helpful as he was always willing to take a few steps back to clarify any material that I found confusing. I found it especially useful that he posted his available times for each homework assignment, as I felt encouraged to seek his help during office hours.
11. Yes he was very open about his office hours and all the times there were open times for questions or if anyone had problems with homework.
12. He was accessible outside of lectures. I went to his office hours a few times and they were very helpful to my understanding of calculus. He was also easily accessible for my extra timed quizzes. I didn't ever have trouble scheduling when I should take my extra timed quizzes.
13. Yes. He responds to emails, hops into the Math TA sessions occasionally, and he is incredibly helpful during office hours.
14. He was very accessible, responded to my emails in a timely and helpful manner.
15. Yes. I've been to my fair share of office hours, and he definitely gets around to everyone's questions, even if it takes a few minutes for him to finish talking to students in office hours for his other classes. As far as accessibility, I once got confused on what time the office hours were, and showed up after it had ended and he took time outside of office hours to help me and even show me some interesting math outside of the scope of the class, which I greatly appreciated.
16. Made sure to announce office hours and was eager to help or just talk during those times.
17. I would say that Professor Alvarado was one of my few teachers who got back to me in a timely fashion. I have also found his office hours to be very very helpful.
18. Professor Alvarado had office hours almost everyday of the week, and he was more than willing to set up other times to meet with us if none of the standard office hours timings worked with our schedules.
19. I did not use office hours or emails, but he would always answer my questions in class.
20. Yes. I did not use his office hours myself because I, in not a single instance, found any of his classroom explanations unclear. This is not to say anything about me in that I have historically been a poor math student, but rather to highlight how incredible of a teacher Prof. Alvarado is. Prof. Alvarado generally replies almost immediately to e-mails.
21. Yes. I utilized office hours mostly for homework problems. He was very receptive of emails as well.
22. Yes. Extremely helpful in office hours, clear how much he was invested in the success of his students. Always stressed when he was available when the fellows were available + Q Center to make sure everyone was fully aware of support options. Very approachable professor.
23. Yes.
24. Yes he was very helpful. I went to office hours once and found it very useful.
25. Office hours were extremely helpful, and Prof. Alvarado had office hrs 4/5 days a week and was very responsive via email, all of which I really appreciated.
26. Yes! Whenever I can't make office hours, he is very available outside of these times.
27. He was very accessible and had by far the most office hours out of all of my instructors. When I utilized them, he was quite helpful
28. Yes. He also held extra office hours during exam periods which were very helpful.
29. He was seemingly always available and his office hours were always helpful.

**5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?**

1. I really liked how he wrote out the notes as he taught. I also really liked how he gave us lots of examples so I was never surprised by the time I got to the homework. I also thought the quizzes were helpful because it forced you to learn the material.
2. I really liked the amount of examples he used in lecture and the worksheet sessions we had.
3. I enjoyed the professor's enthusiasm and energy when teaching because it made classes more stimulating.
4. [No Response]

5. I most enjoyed his enthusiasm and energy while lecturing and how positive he was regarding our quizzes and tests.
6. I thought the exam review problems were very helpful, because I could do a couple from each section to see how prepared I was for that topic on the exam, and if I was fine with a particular section I could move on, and if I struggled, I knew I had to study that section and do more of those problems.  
I also thought that tying things back to material we had already covered (for example, showing how certain principles were derived from limit laws we already knew well) was very helpful in creating a mental roadmap for me so that, even if I could not remember a specific formula, I could figure it out on my own based on the foundational principles I did remember.
7. Prof. Alvarado was always able to keep our attention and made the class enjoyable
8. Professor Alvarado's organization was my favorite aspect of his teaching. I always felt like I knew what to expect when coming to his class, and this helped me consistently be prepared for the lectures.
9. Being very specific about what he expects from us, and the many examples he gave during lecture.
10. I found it particularly useful that he used the OneNote for class notes as it made it easier for me to go back to the day and look back at the notes and find the examples that I might not have copied down. I also found it useful that he puts practice problems at the beginning of class and does recaps frequently.
11. The way he put notes on to OneNote and made them accessible to the class on Moodle was very helpful.
12. I found his enthusiasm for the course a big factor in my enjoyment for the course. He also showed how much cares about his students and their success. This was effective for my learning because I felt a lot more motivated and I knew that I had someone believing in me even when I didn't believe in myself.
13. He's a cool guy — wicked good at explaining ideas, and the worksheet session days were particularly helpful, as it was pretty much an office-hours-in-class day.
14. The consistency of the system he used to present material-- the notetaking.
15. I have never had a teacher that would do the lecture notes on OneNote and post the link for us to reference when we studied independently, but I think it is the most effective teaching tool ever. Skipping the lecture and just reading the notes would never be enough, but using those notes to supplement my own and seeing how he worked through each solution has been incredibly helpful. Plus, the uses of different colors was very helpful.
16. He was always very excited to teach about the subject.
17. Continuing to highlight common mistakes made and stress the correct way to do it. I think that this cleared a lot of questions that I had, but wasn't necessarily going to ask in front of the entire class.
18. Professor Alvarado always explains the "why"; why a particular problem is solved a certain way and how it works. This was probably one of the biggest things I appreciated in his class, as it has helped me foster a deeper understanding of the topics we covered in Calculus.
19. He made the course interesting and was enthusiastic, I would always enjoy going into his class. Professor Alvarado also got to know his students, and he would make a comfortable environment to engage.
20. Prof. Alvarado explained every concept from the ground up. This was essential to his phenomenal teaching style. Merely to present a set of formulas, explain them, and then apply them would not render a similar understanding.
21. Engaging lecturer, his note-writing in class.
22. Really found the note style helpful, easy to follow along / keep up as he is writing/working out everything too. His engagement with students and clear passion made it a comfortable learning environment.
23. The worksheets were very helpful especially when we had the solutions because if I didn't understand one, then I could learn it through the solution.
24. His passion for the material and his transparent teaching style made it very easy for me to have success in the course.
25. He kept the teaching interesting but also simple, and he would give plenty of examples of problems, and even common mistakes.
26. I really loved the online notebook because we moved pretty quickly through the material, so it was nice to have that to fall back on. Professor Alvarado is also just very good at explaining the steps to complete a problem.
27. I think that he brings a lot of energy to his classes which helps keep people engaged and not bored



28. *1. Use of technology such as Microsoft online, Gradescope and Moodle. 2. Regular worksheets. 3. Not assigning homework on an exam week.*  
29. *I enjoyed the way he presented material using his tablet. That was very effective and made it easy on the students because they could focus less on having perfect notes and more on learning.*

**6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:**

1. *Sometimes I felt he went really fast in class, but I also understand this is part of the class and that we have a lot of material to get through.*  
2. *none*  
3. *[No Response]*  
4. *[No Response]*  
5. *Increase the amount of study guide/review days.*  
6. *I don't think so. I felt that I learned the course material well and I did not even take advantage of all the resources that were available (e.g. office hours, Q Center), so I think that Professor Alvarado has set up his course such that anyone who wants to succeed can do so.*  
7. *No, I have no suggestions*  
8. *I really liked our worksheet days, and if possible would include them with more frequency. I think they were a really good opportunity for us to practice the material ourselves.*  
9. *Not really*  
10. *Nothing comes to mind.*  
11. *I honestly believe that there doesn't need to be any change in Professor Alvarado's teaching.*  
12. *I don't feel that there should be any changes. Professor Alvarado can speak very quickly and sometimes I didn't get to catch what he would be saying. However, since we have so little time to cover so much material, I can understand as to why he needs to move so quickly.*  
13. *Nothing really. If anything (this is really just nitpicking) just make the notes a bit more legible.*  
14. *Make the homework less harshly graded-- more of a completion basis would be better.*  
15. *I really like when he poses a math question for us to solve, gives us a little time to solve it, and then solves it himself. I find that incredibly helpful and I know he already does this occasionally, but I might like to see a little more of it. This helps me in a few ways: 1) it makes me think critically about the subject and stay an active learner rather than a passive listener, 2) It boosts my self-esteem when I get it right, 3) it shows me that I might have a bit to work on later if I get it wrong.*  
16. *[No Response]*  
17. *I would have to say that nothing comes to mind when I think about any changes Professor Alvarado should make.*  
18. *Professor Alvarado is an amazing professor; I don't think there is anything to change.*  
19. *He could improve by not making the homework due electronically so we could receive feedback more directly.*  
20. *I am sure that there are, however, they are probably so minute that I can't think of any.*  
21. *[No Response]*  
22. *I didn't have any issues.*  
23. *The only change would be that I would rather have less practice problems and all of the solutions than a lot of practice problems with no solutions because sometimes I thought I knew how to do something, but I didn't know that my answer was wrong and therefore that I had been doing it wrong.*  
24. *No*  
25. *Perhaps space out the material slightly better? Because at times I felt like we were doing 3 sections a week, then another week I felt like we were doing 6 sections a week.*  
26. *None*  
27. *no*  
28. *I have no suggestions for changes.*  
29. *No.*

**7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?**

- 1. I thought the course was difficult because of how much material we covered, but it was manageable. I am not sure the course helped with my ability to think and problem solved because I mostly just memorized how to solve different types of problems.*
- 2. I found it challenging but doable. It definitely helped my thinking and problem solving abilities.*
- 3. I think that the course was a bit fast paced for me, which required extra learning outside of lectures. This course helped me develop my math skills further which will be necessary for my potential major.*
- 4. [No Response]*
- 5. Course material was fitting based on the course description, and I think I learned a lot about solving problems and staying organized.*
- 6. I thought this course was of an appropriate difficulty. I had to work to stay on top of the material, but I never felt that I was working harder than appropriate for an introductory calculus course, and I never felt that I was falling behind.*
- 7. Yes, the coursework always pushed you to find new solutions*
- 8. The course increased in difficulty as we moved through the semester, but I thought the speed of teaching was reasonable.*
- 9. I thought the course material aligned to the difficulty of what I expected. Yes, it did help me learn to problem solve*
- 10. I think that the course material is difficult, and because of how challenging it is I feel that I have developed my ability to solve problems.*
- 11. I thought the course material was very moderately hard, which helped me keep engaged during class time. It furthered my abilities to solve math problems.*
- 12. The course was difficult but because I had prior knowledge in calculus it wasn't too challenging. This class definitely helped me become better at solving problems. I understand more on the concepts behind calculus.*
- 13. The course material was difficult because I believe I didn't have the necessary background pick of the material easily. That being said, my ability to think and solve problems has made leaps and bounds throughout this course.*
- 14. Was not particularly difficult, helped me develop my calculus and problem solving skills.*
- 15. Most of the course contained material that I had already been exposed to, but didn't necessarily understand to the degree of mastery that I would have needed to do higher level math. With that in mind, I didn't find the difficulty to be incredibly high, but the course has certainly still challenged me in certain ways.*
- 16. Course felt about right difficulty-wise. Hard but not impossible. Has helped with problem solving.*
- 17. I think the course material definitely helped develop my ability to think and solve problems. I think that this course, in particular, stressed the importance of understanding why a rule exists or why we can solve a problem this way etc. I thought this course would be very easy because I had taken AB calculus, but in the end I felt like this course pushed me to go beyond facts sitting on the surface.*
- 18. I think the course is difficult, but having so many resources to succeed helps make the learning experience enjoyable and manageable. The course did develop my ability to think (sometimes abstractly), solve problems, and present my solutions along with the method I used to get there (for example citing the first derivative test).*
- 19. Yes especially when learning related rates and optimization.*
- 20. Course material and difficulty are perfect for what the course is intended to be. Throughout the semester, I was interested to find that my mathematical ability improved alongside my philosophical reasoning capacity. I found that as I realized some profound, personal, philosophical conclusions, I needed to spend much less time studying for my math exams all the while improving my scores. Equally, I believe being exposed to the mathematical nature of our reality prompted me to appreciate these same philosophical concepts in the first place.*
- 21. I think it was not overly difficult, and that the course really helped me understand the basic concepts of calculus as well as some applications.*

22. *I enjoyed the course. As someone coming in with no calculus background in a class with people who had already taken it I was a bit intimidated but found myself able to keep up with the quick pace. I liked the layout of the course, it being comprehensive as everything was building.*
23. *The difficulty was manageable and it did help me because we went at a good pace.*
24. *I think the difficulty and course material were appropriate. Yes*
25. *The course is pretty difficult but manageable if you are willing to put in the work that Prof. Alvarado suggests, in my opinion. I think the course definitely helped me improve my math/analytical skills.*
26. *The material is definitely difficult and we move through it super fast, but I think with Professor Alvarado's help, I have exceeded my expectations for myself in this course.*
27. *I thought this class was extremely fast paced and challenging. However, this might be due to the fact that I have significantly less math experience than most of my peers in this class. I honestly cannot say this class really helped me think and solve problems because I was so focused with not failing the entire time that I did not really have any time to take a breath and look at the big picture*
28. *Course material was appropriate difficulty. I sometimes felt that the exams emphasized more on practice than reasoning. I would like if the exams would reward more on the ability to reason rather than on who practiced the most.*
29. *It was great!*

**8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?**

1. *I thought the division was good. I liked having 3 exams before the final because then there was never too much material on each exam.*
2. *I liked the amount of quizzes and exams. Homework was assigned a lot but was also helpful with learning the material.*
3. *I think the emphasis on the weekly quiz was high relative to the proportion of our grade that it counted towards. As for exams, it felt like they occurred very quickly after the previous one, however, I don't think this can be prevented given the speed of the course.*
4. *[No Response]*
5. *less emphasis on Homework more points for quizzes.*
6. *I think the balance of the types of work was pretty good. I would have preferred a few more quizzes throughout the semester to better prepare for the types of problems on exams, but it was not a major issue.*
7. *No, the division seemed fair and reasonable*
8. *I think the course could have used more quizzes, but in more of a pop-quiz style where they aren't graded but are just formative assessments so that the student has a better idea of how he/she is handling the material.*
9. *No i think the current breakdown was good*
10. *Sometimes the homework feels like it piles up in quick succession, but in reality it helps in preparation for the more complicated assessments. If there was more emphasis on the quizzes I feel that it would be a bit more helpful for the exams*
11. *The division between all of the material in the class was evenly split throughout the week making it easier to complete tasks.*
12. *If there were less emphasis on exams I feel like it would have made the course more valuable. This is because I don't do well on exams and when studying for them I felt like I was straining my brain and not really learning.*
13. *The division is fair.*
14. *Quizzes and exams were fine, homework assignments could maybe be shorter and more frequent, or graded . for completion rather than accuracy.*
15. *Personally, I would have liked to have seen quizzes worth a little more and homework worth a little less. my reason for saying so is that Professor Alvarado made it clear that he was using quizzes as a formative assessment, but I always found that I was doing my formative assessing on the homework That is now backfiring on me because the homework is worth as much as an entire midterm exam and now there is*

going to be a grade worth the weight of a midterm exam that I had been using as a gauge of whether or not I understood the material and then going back to review it if I didn't.

16. Nah, everything was fine.

17. I was not a huge fan that homework assignments were graded so harshly -- the reason I wasn't a fan of this was because I think homeworks are meant to be sources of learning rather than graded assignments.

18. I feel the division between these three items were well structured. The weekly quizzes and homework assignments helped me stay on top of the materials learned in the course, and the weekly plans including extra problems were also very useful, especially if I was having trouble on a section or wanting extra practice before a quiz or exam. I also liked the packets of extra problems given before exams.

19. If there had been more emphasis on quizzes rather than homework I think it would have been more valuable, since I would have been tested regularly on content.

20. Less emphasis on homework. I believe grading homework for anything other than completion doesn't make sense.

21. More emphasis on quizzes perhaps would have helped me.

22. Homeworks were extremely helpful, with quizzes being a nice checkpoint. I felt the number of exams was right. Good balance.

23. I thought the division was good.

24. I thought the division was good, providing many opportunities to showcase what was taught.

25. Perhaps more emphasis on quizzes.

26. Less emphasis on the homework. Although it is extremely important, I think it should be more like practice for exams than a grade on its own.

27. I think that the final exam is probably worth too much, when weighted with the rest of the course

28. [No Response]

29. [No Response]

**9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:**

1. No

2. None

3. [No Response]

4. [No Response]

5. Give to more solutions to problems on worksheets and homework.

6. I think a smaller class size would have been better so everyone would have to be more active in responding to questions. Relatedly, I wish it wouldn't just be the same handful of people answering all the time.

7. No, the course worked well for me.

8. Only suggestion would be more pop quizzes and worksheet days.

9. Not really

10. Nothing comes to mind

11. None at all

12. No id don't feel like there needs to be any changes.

13. No.

14. Make a homework key available or grade homework for completion. Having a key available would have personally helped me work through the material because without it I felt like I was always unsure about my responses, and the graded homework usually wasn't available for some time afterwards.

15. No. I feel like I learned a lot in this class and I did it as easily as possible.

16. [No Response]

17. I would say that I would love for there to be more opportunities to do practice problems. This way, we would have the ability to learn material through the lens of problems as we go through each section.

18. N/A

19. no

20. No

21. [No Response]

- 22. *I enjoyed the course. It was fast paced at times, but there was a lot of material to cover so it was understandable.*
- 23. *No.*
- 24. *No*
- 25. *[No Response]*
- 26. *None*
- 27. *I think a more intimate class size could be helpful*
- 28. *[No Response]*
- 29. *-*

**10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:**

- 1. *Professor Alvarado was extremely helpful to me this year and I am really not sure I would have done so well if he hadn't been my teacher.*
- 2. *[No Response]*
- 3. *[No Response]*
- 4. *[No Response]*
- 5. *[No Response]*
- 6. *[No Response]*
- 7. *I have no other comments*
- 8. *Thanks for a great semester!*
- 9. *None.*
- 10. *I have had an amazing time in this course. Professor Alvarado is a teacher that encourages me to achieve my potential and helps create a comfortable learning environment that pushes me to expand my limits. He is committed to our learning and makes himself available to students. He is a teacher that I would like to continue having in the future of my Amherst career.*
- 11. *[No Response]*
- 12. *[No Response]*
- 13. *I had a difficult time in this course — in part because I wasn't academically prepared, but more importantly because I didn't possess the right work ethic to succeed. That being said, Professor Alvarado was down-to-earth and stern — he pushed me to do my best and not give up even if I did poorly on assessments. He's a cool person, and I am indebted to him helping me to become a better student. Thank you.*
- 14. *[No Response]*
- 15. *If I don't get to tell him in person, he should know how much I appreciate his energy and enthusiasm in class. Even on Mondays after long weekends without sleep, he brought his best in every day and that made a positive difference in my learning.*
- 16. *[No Response]*
- 17. *Not Applicable.*
- 18. *[No Response]*
- 19. *Thank you for teaching me it has been a pleasure!!!*
- 20. *Prof. Alvarado is one of the best professors I have had at Amherst College. As a pre-medical student, I would even go as far as to say that he was the single best math/science professor. While MATH-111 is only an introductory course, I am sure that his ability to convey information with clarity transitions to higher level classes. Typically, I never complete course evaluations, or if I do, I provide very simple, positive feedback. In Prof. Alvarado's case, I felt compelled to provide my honest thoughts. Prof. Alvarado helped me in another capacity as well. For whatever reason, I have significant difficulty. Last year, I would usually come five minutes late to my early morning lecture. For the first few weeks of MATH 111, I repeated this behavior, but I thoroughly appreciated Prof. Alvarado confronting me about my tardiness and don't believe that I will repeat this wrongful behavior in future classes.*
- 21. *[No Response]*

22. *Professor Alvarado was my favorite professor this semester. As a first-year, I'm so lucky to have had him for a class as it provided a great introduction to the kind of professors we can expect at Amherst. Once again organized, passionate, and made it a point to be committed to the success of each of his students.*

23. *[No Response]*

24. *[No Response]*

25. *Prof. Alvarado has easily been the best math professor I've had because my math teachers in the past (in high school) were really poor. He genuinely cares about students' success. Gives you all the tools you need to do well. Very approachable teacher. Overall amazing professor and I hope to take more classes with him in the future.*

26. *None*

27. *[No Response]*

28. *[No Response]*

29. *Professor Alvarado did a wonderful job this term. Probably the best Professors that I have had at Amherst.*

**EVALUATION: #1 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes. Professor Alvarado was always very enthusiastic in class and encouraging which made me want to try harder.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes. He wrote down all his notes very nicely and uploaded them on moodle which was helpful. He also did many examples when we were learning a new topic which was helpful when it came time to do the homework.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes. He asked questions often, and encouraged other kids to answer when only a few kids were answering.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Yes. He had office hours often throughout the week, and he was open to meet with you if you couldn't make his times. He was always very helpful in office hours as he would help walk you through the problems you were confused with.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*I really liked how he wrote out the notes as he taught. I also really liked how he gave us lots of examples so I was never surprised by the time I got to the homework. I also thought the quizzes were helpful because it forced you to learn the material.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*Sometimes I felt he went really fast in class, but I also understand this is part of the class and that we have a lot of material to get through.*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*I thought the course was difficult because of how much material we covered, but it was manageable. I am not sure the course helped with my ability to think and problem solved because I mostly just memorized how to solve different types of problems.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*I thought the division was good. I liked having 3 exams before the final because then there was never too much material on each exam.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*No*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*Professor Alvarado was extremely helpful to me this year and I am really not sure I would have done so well if he hadn't been my teacher.*



**EVALUATION: #2 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes I thought he was very engaging and wanted us to succeed.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Very well organized, with notes online and always available, which was very helpful.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes, but sometimes felt rushed so there wasn't that much time for questions.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Yes I found office hours extremely helpful and Professor Alvarado was very accommodating and flexible.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*I really liked the amount of examples he used in lecture and the worksheet sessions we had.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*none*

**THE COURSE**

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*I found it challenging but doable. It definitely helped my thinking and problem solving abilities.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*I liked the amount of quizzes and exams. Homework was assigned a lot but was also helpful with learning the material.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*None*

## **YOURSELF**

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*[No Response]*

**EVALUATION: #3 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes, Professor Alvarado was very enthusiastic when teaching which kept me engaged.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes, the material was well presented and each lecture was organized to relate to material that had been previously learned.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes, students were encouraged to make comments during class. However, there were sometimes prolonged periods of silence in class when no one was willing to answer a question.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Yes.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*I enjoyed the professor's enthusiasm and energy when teaching because it made classes more stimulating.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*[No Response]*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*I think that the course was a bit fast paced for me, which required extra learning outside of lectures. This course helped me develop my math skills further which will be necessary for my potential major.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*I think the emphasis on the weekly quiz was high relative to the proportion of our grade that it counted towards. As for exams, it felt like they occurred very quickly after the previous one, however, I don't think this can be prevented given the speed of the course.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*[No Response]*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*[No Response]*

**EVALUATION: #4 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Yes*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*[No Response]*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*[No Response]*

**THE COURSE**

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*[No Response]*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*[No Response]*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*[No Response]*

## **YOURSELF**

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*[No Response]*

**EVALUATION: #5 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*My professor kept us very engaged in class, was always upbeat and positive, and made us all feel like he personally cared about our success. As a more reserved student, I appreciated his continues efforts to encourage me to participate in class and reach out for extra help.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*He always did a very good job of creating very organized lessons that yielded clear notes and were usually very well rounded and easy to understand.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*He always asked frequent questions, called on quieter students, and had us bring the lesson back to the essential question of the course.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Professor Alvarado always made his office hours clear and was very willing to meet with kids outside of class, as well as promoting the fellows that were available.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*I most enjoyed his enthusiasm and energy while lecturing and how positive he was regarding our quizzes and tests.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*Increase the amount of study guide/review days.*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*Course material was fitting based on the course description, and I think I learned a lot about solving problems and staying organized.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*less emphasis on Homework more points for quizzes.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*Give to more solutions to problems on worksheets and homework.*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*[No Response]*



**EVALUATION: #6 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes. Professor Alvarado was always very energetic and engaged in class and this prompted students to mirror his attitude.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes. The online course notebook was well organized, and the weekly plans helped know what was covered when, when I was looking for notes to review. Working through the example questions for each type of problem that were given each class greatly helped elucidate me on how to do the problems on my own.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes. Professor Alvarado was always willing to put his own lecture on hold if a student was having trouble following, or had a question inspired by the material being covered. Additionally, having students answer each in-class example problem step-by-step encouraged everyone to think about the process, not just the person responding aloud.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Yes. Although I did not use his office hours, Professor Alvarado was always quick to respond to emails, and to begin a conversation of his own initiative if he believed a student needed help.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*I thought the exam review problems were very helpful, because I could do a couple from each section to see how prepared I was for that topic on the exam, and if I was fine with a particular section I could move on, and if I struggled, I knew I had to study that section and do more of those problems.*

*I also thought that tying things back to material we had already covered (for example, showing how certain principles were derived from limit laws we already knew well) was very helpful in creating a mental roadmap for me so that, even if I could not remember a specific formula, I could figure it out on my own based on the foundational principles I did remember.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*I don't think so. I felt that I learned the course material well and I did not even take advantage of all the resources that were available (e.g. office hours, Q Center), so I think that Professor Alvarado has set up his course such that anyone who wants to succeed can do so.*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*I thought this course was of an appropriate difficulty. I had to work to stay on top of the material, but I never felt that I was working harder than appropriate for an introductory calculus course, and I never felt that I was falling behind.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*I think the balance of the types of work was pretty good. I would have preferred a few more quizzes throughout the semester to better prepare for the types of problems on exams, but it was not a major issue.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*I think a smaller class size would have been better so everyone would have to be more active in responding to questions. Relatedly, I wish it wouldn't just be the same handful of people answering all the time.*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*[No Response]*

**EVALUATION: #7 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Absolutely, the classroom atmosphere Prof. Alvarado created was one of the most positive I've ever had.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes, the lectures were easy to follow and very clear*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes, Prof. Alvarado always encouraged questions*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Yes, Prof. Alvarado always made sure to have office hours available and was easy to communicate with outside of class*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*Prof. Alvarado was always able to keep our attention and made the class enjoyable*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*No, I have no suggestions*

**THE COURSE**

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*Yes, the coursework always pushed you to find new solutions*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*No, the division seemed fair and reasonable*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*No, the course worked well for me.*

## **YOURSELF**

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*I have no other comments*

**EVALUATION: #8 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Definitely. Professor Alvarado was the most energetic teacher I had this semester, and one of the most engaging I've ever had. Though the classes were taught lecture-style, it was never boring.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes, his organization was always very clear. I really liked the predictability of his classes; I knew that we would have a lecture which reviewed the previous topic, introduced a new topic, went through examples of the new topic, and challenged us with more difficult examples.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes. He frequently asked us if we had any questions before he moved onto a new subject.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Very much so. I went to his office hours on multiple occasions and found them extremely useful.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*Professor Alvarado's organization was my favorite aspect of his teaching. I always felt like I knew what to expect when coming to his class, and this helped me consistently be prepared for the lectures.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*I really liked our worksheet days, and if possible would include them with more frequency. I think they were a really good opportunity for us to practice the material ourselves.*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*The course increased in difficulty as we moved through the semester, but I thought the speed of teaching was reasonable.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*I think the course could have used more quizzes, but in more of a pop-quiz style where they aren't graded but are just formative assessments so that the student has a better idea of how he/she is handling the material.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*Only suggestion would be more pop quizzes and worksheet days.*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*Thanks for a great semester!*

**EVALUATION: #9 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes, Professor Alvarado always came to class with energy and excitement about the material he was presenting*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*While he did take notes on an iPad, I sometimes found that his notes were hard to read and seemed rushed*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes, he always started class and ended every mini section asking us if we had questions or comments or concerns*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Yes, he responded to emails quickly, and has a wide range of office hour times. I did go to office hours and he was helpful, although sometimes they were quite crowded with students from his other classes as well (which I guess he cannot help)*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*Being very specific about what he expects from us, and the many examples he gave during lecture.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*Not really*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*I thought the course material aligned to the difficulty of what I expected. Yes, it did help me learn to problem solve*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*No i think the current breakdown was good*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*Not really*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*None.*



**EVALUATION: #10 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes, he kept me engaged during the classes and kept me motivated during the semester despite the difficulty of the material. He always maintained a high level of energy which kept the class interesting and made me feel motivated to succeed.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*The material was well organized and was presented in a very cohesive manner, which was especially useful given the level of difficulty which the material carried.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes he always encouraged participation and was eager to call on students to answer questions. During class he would always present examples and find ways to engage the class to ensure that we were completely understanding the material.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Office hours were especially helpful as he was always willing to take a few steps back to clarify any material that I found confusing. I found it especially useful that he posted his available times for each homework assignment, as I felt encouraged to seek his help during office hours.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*I found it particularly useful that he used the OneNote for class notes as it made it easier for me to go back to the day and look back at the notes and find the examples that I might not have copied down. I also found it useful that he puts practice problems at the beginning of class and does recaps frequently.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*Nothing comes to mind.*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*I think that the course material is difficult, and because of how challenging it is I feel that I have developed my ability to solve problems.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*Sometimes the homework feels like it piles up in quick succession, but in reality it helps in preparation for the more complicated assessments. If there was more emphasis on the quizzes I feel that it would be a bit more helpful for the exams*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*Nothing comes to mind*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*I have had an amazing time in this course. Professor Alvarado is a teacher that encourages me to achieve my potential and helps create a comfortable learning environment that pushes me to expand my limits. He is committed to our learning and makes himself available to students. He is a teacher that I would like to continue having in the future of my Amherst career.*

**EVALUATION: #11 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes he was a very motivative professor . He engaged the class very well, and made it very enjoyable every time I went to the lectures.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes he followed the textbook in almost perfect chronological order which made the fluidity of the class even better.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes, whenever no one raised their hands he would always try to engage the class telling us that there was no such thing as a wrong answer. This encouraged me to be more positive during class time.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Yes he was very open about his office hours and all the times there were open times for questions or if anyone had problems with homework.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*The way he put notes on to OneNote and made them accessible to the class on Moodle was very helpful.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*I honestly believe that there doesn't need to be any change in Professor Alvarado's teaching.*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*I thought the course material was very moderately hard, which helped me keep engaged during class time. It furthered my abilities to solve math problems.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*The division between all of the material in the class was evenly split throughout the week making it easier to complete tasks.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*None at all*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*[No Response]*

**EVALUATION: #12 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes he did. He spoke loudly and clearly and taught with enthusiasm. His energy helped me pay attention to his lectures. Professor Alvarado also motivated me through his words of encouragement and advice for doing better in his class.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes he did. He covered all the sections in an organized and timely fashion. He posted his lecture notes onto Moodle which also helped me stay organized and on task.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes he did. Professor Alvarado never cold called but he did encourage everyone to participate and ask questions. After he would go over a section, he would pause for a little and ask us if we had any questions or if we were unclear on a particular thing.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*He was accessible outside of lectures. I went to his office hours a few times and they were very helpful to my understanding of calculus. He was also easily accessible for my extra timed quizzes. I didn't ever have trouble scheduling when I should take my extra timed quizzes.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*I found his enthusiasm for the course a big factor in my enjoyment for the course. He also showed how much cares about his students and their success. This was effective for my learning because I felt a lot more motivated and I knew that I had someone believing in me even when I didn't believe in myself.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*I don't feel that there should be any changes. Professor Alvarado can speak very quickly and sometimes I didn't get to catch what he would be saying. However, since we have so little time to cover so much material, I can understand as to why he needs to move so quickly.*

## **THE COURSE**

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*The course was difficult but because I had prior knowledge in calculus it wasn't too challenging. This class definitely helped me become better at solving problems. I understand more on the concepts behind calculus.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*If there were less emphasis on exams I feel like it would have made the course more valuable. This is because I don't do well on exams and when studying for them I felt like I was straining my brain and not really learning.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*No id don't feel like there needs to be any changes.*

## **YOURSELF**

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*[No Response]*

**EVALUATION: #13 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes. Even though there were (many) occasions where I struggled and didn't perform well on assessments, he would always encourage me on doing better the next assessment. He would occasional interject in class that we could do it, and that we all could succeed. He's a pretty nice guy.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes. He lectured coherently and had great example problems — albeit his handwriting isn't the neatest (made it a bit difficult to look at his notes or answer sheets to study. E.g. hard to tell if a letter is a y or a g.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes. Always asks if there a questions/comments, and doesn't proceed until he is sure that all there questions that students have are clarified.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Yes. He responds to emails, hops into the Math TA sessions occasionally, and he is incredibly helpful during office hours.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*He's a cool guy — wicked good at explaining ideas, and the worksheet session days were particularly helpful, as it was pretty much an office-hours-in-class day.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*Nothing really. If anything (this is really just nitpicking) just make the notes a bit more legible.*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*The course material was difficult because I believe I didn't have the necessary background pick of the material easily. That being said, my ability to think and solve problems has made leaps and bounds throughout this course.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*The division is fair.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*No.*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*I had a difficult time in this course — in part because I wasn't academically prepared, but more importantly because I didn't possess the right work ethic to succeed. That being said, Professor Alvarado was down-to-earth and stern — he pushed me to do my best and not give up even if I did poorly on assessments. He's a cool person, and I am indebted to him helping me to become a better student. Thank you.*



**EVALUATION: #14 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes, Professor Alvarado did a good job in keeping me personally engaged and motivated to succeed.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Very organized, I was immensely helped by the consistency and availability of his notes and note taking system. Well contrived and executed.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Professor Alvarado did a good job encouraging us to ask clarifying questions before moving on, and was always open to entertaining other questions.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*He was very accessible, responded to my emails in a timely and helpful manner.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*The consistency of the system he used to present material-- the notetaking.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*Make the homework less harshly graded-- more of a completion basis would be better.*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*Was not particularly difficult, helped me develop my calculus and problem solving skills.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*Quizzes and exams were fine, homework assignments could maybe be shorter and more frequent, or graded for completion rather than accuracy.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*Make a homework key available or grade homework for completion. Having a key available would have personally helped me work through the material because without it I felt like I was always unsure about my responses, and the graded homework usually wasn't available for some time afterwards.*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*[No Response]*

**EVALUATION: #15 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes. Professor Alvarado always brought a lot of energy to his lectures which really helped me, as a student, to stay interested in the lecture because he made it sound like it was honestly important. Furthermore, he always answered student responses with affirmative phrases and/or explaining that there might be a better answer without telling them that they are wrong. This helped me to be less afraid of putting myself out there while answering a question.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes. As someone who has taken Calculus before, I especially appreciated that he saved functions with the number  $e$  until the end of the semester, after we had mastered derivatives and integrals rather than incorporating it as we went along, which I have found in the past to be a lot of information to take in at once.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Absolutely. He often poses questions to the class and waits until someone responds, rather than answering his own question (though he does have to answer his own questions from time to time if the class seems particularly tired). I have been very impressed at his answers to students' questions or answers to his questions. I have obviously answered questions wrong in his class, but even after I do, I don't feel all that bad or embarrassed because he does a good job acknowledging why we might have thought that way, but suggesting there is a different answer.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Yes. I've been to my fair share of office hours, and he definitely gets around to everyone's questions, even if it takes a few minutes for him to finish talking to students in office hours for his other classes. As far as accessibility, I once got confused on what time the office hours were, and showed up after it had ended and he took time outside of office hours to help me and even show me some interesting math outside of the scope of the class, which I greatly appreciated.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*I have never had a teacher that would do the lecture notes on OneNote and post the link for us to reference when we studied independently, but I think it is the most effective teaching tool ever. Skipping the lecture and just reading the notes would never be enough, but using those notes to supplement my own and seeing how he worked through each solution has been incredibly helpful. Plus, the uses of different colors was very helpful.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*I really like when he poses a math question for us to solve, gives us a little time to solve it, and then solves it himself. I find that incredibly helpful and I know he already does this occasionally, but I might like to see a little more of it. This helps me in a few ways: 1) it makes me think critically about the subject and stay an active learner rather than a passive listener, 2) It boosts my self-esteem when I get it right, 3) it shows me that I might have a bit to work on later if I get it wrong.*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*Most of the course contained material that I had already been exposed to, but didn't necessarily understand to the degree of mastery that I would have needed to do higher level math. With that in mind, I didn't find the difficulty to be incredibly high, but the course has certainly still challenged me in certain ways.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*Personally, I would have liked to have seen quizzes worth a little more and homework worth a little less. my reason for saying so is that Professor Alvarado made it clear that he was using quizzes as a formative assessment, but I always found that I was doing my formative assessing on the homework That is now backfiring on me because the homework is worth as much as an entire midterm exam and now there is going to be a grade worth the weight of a midterm exam that I had been using as a gauge of whether or not I understood the material and then going back to review it if I didn't.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*No. I feel like I learned a lot in this class and I did it as easily as possible.*

**YOURSELF**

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*If I don't get to tell him in person, he should know how much I appreciate his energy and enthusiasm in class. Even on Mondays after long weekends without sleep, he brought his best in every day and that made a positive difference in my learning.*

**EVALUATION: #16 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Usually. It's hard to keep everyone engaged early in the morning, but he did a decent job. Definitely motivational beyond even math.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes, for the most part. Some stuff went a little quickly and I didn't entirely understand everything.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes. Definitely fielded questions well.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Made sure to announce office hours and was eager to help or just talk during those times.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*He was always very excited to teach about the subject.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*[No Response]*

**THE COURSE**

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*Course felt about right difficulty-wise. Hard but not impossible. Has helped with problem solving.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*Nah, everything was fine.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*[No Response]*

## **YOURSELF**

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*[No Response]*

**EVALUATION: #17 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes. He was extremely engaging and very clear about the expectations of the course.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*I would argue that he did. I especially appreciated that he posted notes from each lecture!!*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*He did. You were encouraged to ask questions any questions during, pretty much, any time. His famous quote: "Any questions, comments or concerns" -- he said this after we finished every single section*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*I would say that Professor Alvarado was one of my few teachers who got back to me in a timely fashion. I have also found his office hours to be very very helpful.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*Continuing to highlight common mistakes made and stress the correct way to do it. I think that this cleared a lot of questions that I had, but wasn't necessarily going to ask in front of the entire class.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*I would have to say that nothing comes to mind when I think about any changes Professor Alvarado should make.*



## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*I think the course material definitely helped develop my ability to think and solve problems. I think that this course, in particular, stressed the importance of understanding why a rule exists or why we can solve a problem this way etc. I thought this course would be very easy because I had taken AB calculus, but in the end I felt like this course pushed me to go beyond facts sitting on the surface.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*I was not a huge fan that homework assignments were graded so harshly -- the reason I wasn't a fan of this was because I think homeworks are meant to be sources of learning rather than graded assignments.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*I would say that I would love for there to be more opportunities to do practice problems. This way, we would have the ability to learn material through the lens of problems as we go through each section.*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*Not Applicable.*

**EVALUATION: #18 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Professor Alvarado definitely created an atmosphere that kept me engaged in the course content and motivated me to succeed. I have never been bored in his class, as his lectures are always fast paced and full of energy. Professor Alvarado helped me rekindle my curiosity for mathematics, and because of my experience in this class, I am looking forward to continuing calculus in the future.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Professor Alvarado always presented material in a well organized and clear way. If there were any confusions, he was always open to have students ask questions about a particular math problem, proof, or something else covered in the class notes. Also, lectures notes were color coded, which I really appreciated.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Professor Alvarado always encourages students to make comments and ask questions during lectures. I am not someone who usually likes to ask questions in class, but Professor Alvarado's kind and down to earth nature creates an environment in which questions can be asked at any point of the lecture. After every example problem, he pauses to ask if any students have any questions before continuing to the next problem.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Professor Alvarado had office hours almost everyday of the week, and he was more than willing to set up other times to meet with us if none of the standard office hours timings worked with our schedules.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*Professor Alvarado always explains the "why"; why a particular problem is solved a certain way and how it works. This was probably one of the biggest things I appreciated in his class, as it has helped me foster a deeper understanding of the topics we covered in Calculus.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*Professor Alvarado is an amazing professor; I don't think there is anything to change.*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*I think the course is difficult, but having so many resources to succeed helps make the learning experience enjoyable and manageable. The course did develop my ability to think (sometimes abstractly), solve problems, and present my solutions along with the method I used to get there (for example citing the first derivative test).*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*I feel the division between these three items were well structured. The weekly quizzes and homework assignments helped me stay on top of the materials learned in the course, and the weekly plans including extra problems were also very useful, especially if I was having trouble on a section or wanting extra practice before a quiz or exam. I also liked the packets of extra problems given before exams.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*N/A*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*[No Response]*

**EVALUATION: #19 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes, Professor Alvarado always came to class enthusiastic and created an engaging atmosphere with his spirit.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes, he always made it clear what information was important to make a note of, and had the notes available to us.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes, he would encourage me often to speak out even if my answers were wrong and did not discourage me if I did say something incorrect. He also encouraged students to allow people who didn't speak out to have a chance to speak.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*I did not use office hours or emails, but he would always answer my questions in class.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*He made the course interesting and was enthusiastic, I would always enjoy going into his class. Professor Alvarado also got to know his students, and he would make a comfortable environment to engage.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*He could improve by not making the homework due electronically so we could receive feedback more directly.*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*Yes especially when learning related rates and optimization.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*If there had been more emphasis on quizzes rather than homework I think it would have been more valuable, since I would have been tested regularly on content.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*no*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*Thank you for teaching me it has been a pleasure!!!*

**EVALUATION: #20 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Absolutely. Prof. Alvarado has an incredibly upbeat, contagious personality. Through encouraging us to work out problems before he finished them on the board, I found my class time useful and thoroughly enjoyed attending lecture.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*The format that Prof. Alvarado presents the class is the absolute best possible format. In fact, I believe all science/math classes should use the virtual notebook. In quantitative classes, I think it is absolutely necessary for students to have the opportunity to dedicate their concentration on the concepts themselves rather than recording their application manually.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes. Several times during each lecture.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Yes. I did not use his office hours myself because I, in not a single instance, found any of his classroom explanations unclear. This is not to say anything about me in that I have historically been a poor math student, but rather to highlight how incredible of a teacher Prof. Alvarado is. Prof. Alvarado generally replies almost immediately to e-mails.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*Prof. Alvarado explained every concept from the ground up. This was essential to his phenomenal teaching style. Merely to present a set of formulas, explain them, and then apply them would not render a similar understanding.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*I am sure that there are, however, they are probably so minute that I can't think of any.*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*Course material and difficulty are perfect for what the course is intended to be. Throughout the semester, I was interested to find that my mathematical ability improved alongside my philosophical reasoning capacity. I found that as I realized some profound, personal, philosophical conclusions, I needed to spend much less time studying for my math exams all the while improving my scores. Equally, I believe being exposed to the mathematical nature of our reality prompted me to appreciate these same philosophical concepts in the first place.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*Less emphasis on homework. I believe grading homework for anything other than completion doesn't make sense.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*No*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*Prof. Alvarado is one of the best professors I have had at Amherst College. As a pre-medical student, I would even go as far as to say that he was the single best math/science professor. While MATH-111 is only an introductory course, I am sure that his ability to convey information with clarity transitions to higher level classes. Typically, I never complete course evaluations, or if I do, I provide very simple, positive feedback. In Prof. Alvarado's case, I felt compelled to provide my honest thoughts. Prof. Alvarado helped me in another capacity as well. For whatever reason, I have significant difficult. Last year, I would usually come five minutes late to my early morning lecture. For the first few weeks of MATH 111, I repeated this behavior, but I thoroughly appreciated Prof. Alvarado confronting me about my tardiness and don't believe that I will repeat this wrongful behavior in future classes.*

**EVALUATION: #21 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes. He continuously asked questions and engaged with class in a welcoming manner.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes. The weekly plan he provided contained a detailed outline of the the week, and during every class he mentioned which sections we would cover.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes. He would constantly ask questions, often trying to make everyone in the class participate.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Yes. I utilized office hours mostly for homework problems. He was very receptive of emails as well.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*Engaging lecturer, his note-writing in class.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*[No Response]*



## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*I think it was not overly difficult, and that the course really helped me understand the basic concepts of calculus as well as some applications.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*More emphasis on quizzes perhaps would have helped me.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*[No Response]*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*[No Response]*

**EVALUATION: #22 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes, made this class my favorite to come to, even if the subject wasn't necessarily my favorite. Enthusiastic, passionate, engaging, and very aware of his "audience" throughout every lecture. Asked lots of questions throughout problems to further participation and thinking.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes, really liked the notes being done on the surface pro. Organized, came to class with a clear plan, consistent structure to notes.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes, frequently proposed questions or issues to the class that would catalyze further thinking and thus questions from the students, huge advocate for participation/class involvement*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Yes. Extremely helpful in office hours, clear how much he was invested in the success of his students. Always stressed when he was available when the fellows were available + Q Center to make sure everyone was fully aware of support options. Very approachable professor.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*Really found the note style helpful, easy to follow along / keep up as he is writing/working out everything too. His engagement with students and clear passion made it a comfortable learning environment.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*I didn't have any issues.*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*I enjoyed the course. As someone coming in with no calculus background in a class with people who had already taken it I was a bit intimidated but found myself able to keep up with the quick pace. I liked the layout of the course, it being comprehensive as everything was building.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*Homeworks were extremely helpful, with quizzes being a nice checkpoint. I felt the number of exams was right. Good balance.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*I enjoyed the course. It was fast paced at times, but there was a lot of material to cover so it was understandable.*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*Professor Alvarado was my favorite professor this semester. As a first-year, I'm so lucky to have had him for a class as it provided a great introduction to the kind of professors we can expect at Amherst. Once again organized, passionate, and made it a point to be committed to the success of each of his students.*

**EVALUATION: #23 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes he did, his enthusiasm made me more excited to learn about a topic that I normally would not be interested in.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes, his slides were always clear and they were a good resource to refer back to if I needed them.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes, he always emphasized that it doesn't matter if you are wrong, he just cares about the effort.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Yes.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*The worksheets were very helpful especially when we had the solutions because if I didn't understand one, then I could learn it through the solution.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*The only change would be that I would rather have less practice problems and all of the solutions than a lot of practice problems with no solutions because sometimes I thought I knew how to do something, but I didn't know that my answer was wrong and therefore that I had been doing it wrong.*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*The difficulty was manageable and it did help me because we went at a good pace.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*I thought the division was good.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*No.*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*[No Response]*

**EVALUATION: #24 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes he was very engaging and enthusiastic about the material which made it more interesting and easier to learn.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes he did a good job of being clear and explaining material well, and took the time to answer questions if people did not understand.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes there were many opportunities to participate in class whether by asking questions or providing answers to questions.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Yes he was very helpful. I went to office hours once and found it very useful.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*His passion for the material and his transparent teaching style made it very easy for me to have success in the course.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*No*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*I think the difficulty and course material were appropriate. Yes [sic]*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*I thought the division was good, providing many opportunities to showcase what was taught.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*No*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*[No Response]*

**EVALUATION: #25 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes, because Prof. Alvarado would give plenty of examples and explain why things are important.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes. For example, Prof. Alvarado would explain why the derivative of  $\ln(x) = 1/x$  (because of implicit differentiation). In the past, my teachers would just give us the definition and not explain this.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes, he would encourage wide class participation even though the math class was slightly big, which I appreciated and helped stimulate us.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Office hours were extremely helpful, and Prof. Alvarado had office hrs 4/5 days a week and was very responsive via email, all of which I really appreciated.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*He kept the teaching interesting but also simple, and he would give plenty of examples of problems, and even common mistakes.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*Perhaps space out the material slightly better? Because at times I felt like we were doing 3 sections a week, then another week I felt like we were doing 6 sections a week.*



## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*The course is pretty difficult but manageable if you are willing to put in the work that Prof. Alvarado suggests, in my opinion. I think the course definitely helped me improve my math/analytical skills.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*Perhaps more emphasis on quizzes.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*[No Response]*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*Prof. Alvarado has easily been the best math professor I've had because my math teachers in the past (in high school) were really poor. He genuinely cares about students' success. Gives you all the tools you need to do well. Very approachable teacher. Overall amazing professor and I hope to take more classes with him in the future.*

**EVALUATION: #26 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes. He is always very excited about the material, and he teaches in a way that is very engaging. Math can be pretty boring for me, and I usually become lost in class. In this Calc class, I was almost always engaged.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes. He always told us what section we were working on, and he was very intentional about how he presented the material to us and in what order.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes, definitely. He was always asking for comments and questions, and often allotted lots of class time to students questions.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Yes! Whenever I can't make office hours, he is very available outside of these times.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*I really loved the online notebook because we moved pretty quickly through the material, so it was nice to have that to fall back on. Professor Alvarado is also just very good at explaining the steps to complete a problem.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*None*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*The material is definitely difficult and we move through it super fast, but I think with Professor Alvarado's help, I have exceeded my expectations for myself in this course.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*Less emphasis on the homework. Although it is extremely important, I think it should be more like practice for exams than a grade on its own.*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*None*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*None*

EVALUATION: #27 (of 29)

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*He did keep me engaged in the course content and he motivated me to succeed because this class was challenging, so I had to work very hard to not fall behind.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*It was pretty well organized. At times, I wished that he would slow down or go slightly more in depth, but I also realized that he is on a pretty strict time limit, so there is not always enough time for that*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*He very much encouraged students to ask questions in class. He also did a very good job of making sure that it was many students asking questions, and not just a few students that talked a lot.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*He was very accessible and had by far the most office hours out of all of my instructors. When I utilized them, he was quite helpful*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*I think that he brings a lot of energy to his classes which helps keep people engaged and not bored*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*no*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*I thought this class was extremely fast paced and challenging. However, this might be due to the fact that I have significantly less math experience than most of my peers in this class. I honestly cannot say this class really helped me think and solve problems because I was so focused with not failing the entire time that I did not really have any time to take a breath and look at the big picture*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*I think that the final exam is probably worth too much, when weighted with the rest of the course*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*I think a more intimate class size could be helpful*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*[No Response]*

**EVALUATION: #28 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes.  
He is always energetic and enthusiastic and that makes him easy to approach.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes. He always posted weekly plans on Moodle and adhered to them. His use of Microsoft online to organize class notes was one of the most helpful things to me in the class.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes. He encouraged participation. Though he encouraged participation he never randomly picked on anyone and that was good.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*Yes. He also held extra office hours during exam periods which were very helpful.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

- 1. Use of technology such as Microsoft online, Gradescope and Moodle.*
- 2. Regular worksheets.*
- 3. Not assigning homework on an exam week.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*I have no suggestions for changes.*

## THE COURSE

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*Course material was appropriate difficulty. I sometimes felt that the exams emphasized more on practice than reasoning. I would like if the exams would reward more on the ability to reason rather than on who practiced the most.*

8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*[No Response]*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*[No Response]*

## YOURSELF

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*[No Response]*

**EVALUATION: #29 (of 29)**

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**TEACHING: Please comment on Professor Alvarado as a teacher.**

1. Did Professor Alvarado create an atmosphere that kept you engaged in the course content and motivated you to succeed? Please comment on your response.

*Yes. Very energetic and virtual note taking system was great.*

2. Did Professor Alvarado present the material in a well-organized and clear manner? Please comment on your response.

*Yes. Class notes were neat and well presented and always available online.*

3. Did Professor Alvarado encourage students to make comments/ask questions during lecture? Please comment on your response.

*Yes, he would frequently ask questions that engaged the class.*

4. Was Professor Alvarado accessible outside of lectures (in-person, electronically, or both)? If you utilized office hours, did you find them helpful?

*He was seemingly always available and his office hours were always helpful.*

5. What are some aspects of Professor Alvarado's teaching that you most enjoyed and felt were particularly effective for your learning in this course?

*I enjoyed the way he presented material using his tablet. That was very effective and made it easy on the students because they could focus less on having perfect notes and more on learning.*

6. Do you feel that there are any changes Professor Alvarado can make in his teaching to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

*No.*

**THE COURSE**

7. What did you think of the course material and its level of difficulty? Did the course help you develop your ability to think and to solve problems?

*It was great!*



8. What did you think of the division between homework assignments, quizzes, and exams? If there had been distinctly more or less emphasis on any of these components, would it have made the course more valuable?

*[No Response]*

9. Do you feel that there are any changes that can be made to the course to help better facilitate student learning? Please explain why you are suggesting this particular change or set of changes:

-

## **YOURSELF**

10. If you have any other comments on Professor Alvarado's teaching, his commitment to his students' learning, or on the course itself, please write them here:

*Professor Alvarado did a wonderful job this term. Probably the best Professors that I have had at Amherst.*