

# Instructor Course Feedback for MATH 3210-003 Fndns Of Analysis I Fall 2022 (Timothy Tribone)

Project Title: Student Course Feedback

Courses Audience: 29 Responses Received: 19 Response Ratio: 65.5%

#### **Report Comments**

This is a standardized Student Course Feedback report approved by the Senate Advisory Committee on Student Course Feedback (SACSCF).

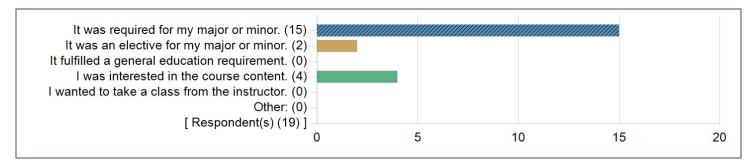
Visit ctle.utah.edu/scf/reports/instructor for help with this report.

Creation Date: Saturday, December 31, 2022

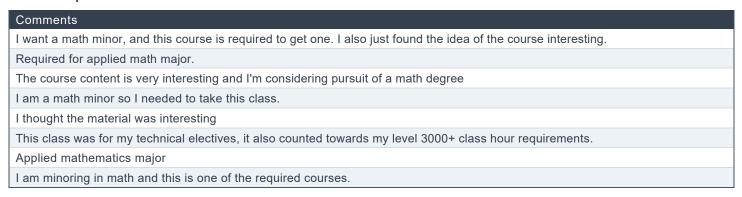


# **Student Demographics**

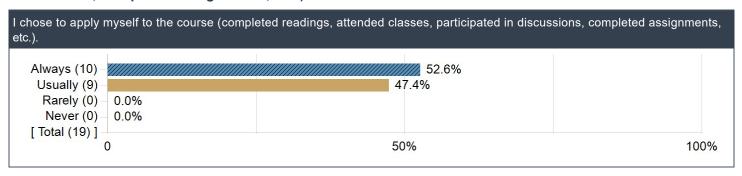
## Why did you enroll in this course?



## Please explain:



I chose to apply myself to the course (completed readings, attended classes, participated in discussions, completed assignments, etc.).



#### Comments

I attended every class that I could, not counting times when I was sick. I tried to attend as many office hours as I could, when they didn't interfere with my work schedule.

I did every homework assignment, but I didn't take advantage of any of the extra credit opportunities.

The teacher made it rewarding and easy to engage in the course.

There were periods of time where I was unable to attend class due to personal issues.

I did all assignments and read the book.

I feel like for the most part I applied myself in this class although there were a few times where I couldn't work up to getting on the train to come to class because of other school work or exaustion.

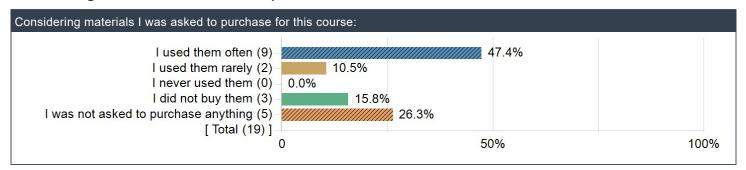
This class has a lot of notes you need to take in class. Missing one might be a bit of a problem because none of these notes are submitted online, so I always made sure to attend class and do the homework. Reading the textbook is super helpful too.

attended when i could and completed all assignments

There was one time where I did not do a reading to know how to do certain proofs but I already knew how to do those proofs through previous experience.

#### **Course Materials**

## Considering materials I was asked to purchase for this course:



#### Please explain:

#### Comments

The textbook recommended for this class wasn't technically necessary for completing homework, but was a great resource to use for studying. However, I did not use the textbook as a resource as much as I now wish I had.

There was no textbook required. A textbook was recommended.

I used the textbook a lot.

The textbook was very valuable and I used it often to study in addition to my lecture notes.

I found the textbook online.

I used the textbook semi-often to help me grasp the material and homework problems.

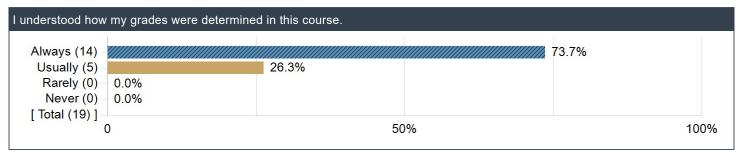
The textbook is really essential for this class as it has the many theorems you need to solve the problems on both the homework and the exam.

textbook was online

On a few occasions I have used the book for the class. This is mostly for homework help.

#### **Grades**

I understood how my grades were determined in this course.



# Please explain:

#### Comments

Though there was some confusion as to how assignments would be weighted, Tim was always willing to clarify the grading if any students had any questions.

The teacher made the expectations and point values for assignments on Canvas. Assignments were always graded timely and fairly. The grading scale was provided at the beginning of the semester on Canvas (and were available to look at any time). Any changes to the grading was announced in class and on Canvas.

Stated clearly in the syllabus

Assignment rubrics were detailed and responses were offered frequently.

Tim was a little iffy on canvas weights but mostly I understood my grade.

I understood how things would be graded and what was expected

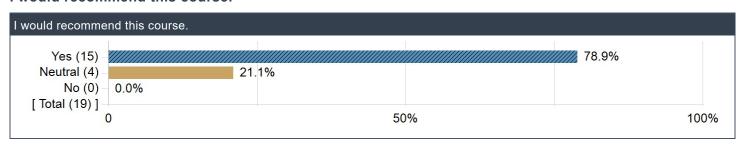
The grading was straightforward.

grade splitting was confusing but was never worried

It is really clear on the syllabus how the grades are done in the class. If I ever need a reminder I could just look at the syllabus.

## **Recommend Course & Instructor**

I would recommend this course.



#### Comments

This course is very challenging, but also very satisfying once the concepts become more understandable with practice. The lectures were interesting in how they combined content from prior math classes with the proof–based lens that this class focused on. It required a good amount of studying outside of class for me to truly feel comfortable with the concepts, but Tim and other on–campus tutors were a huge help in this regard.

The course was different than a typical (computational) math class. It opened my mind to what math truly is, so I would recommend it to anyone interested in learning 'real' math (pun intended).

The class from Professor Tim was amazing. I can see myself struggling with the content and engagement if the professor was not as phenomenal as Professor Timothy Tribone.

I think it's a hard course but it is required.

Super interesting topic, though it can be challenging.

It was fun and interesting but pretty hard.

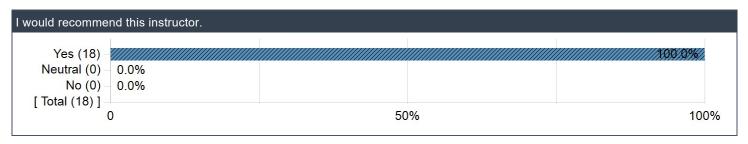
This course is fascinating and gave me an entire new perspective on the math I have been using for years in engineering without this fundamental understanding that I got from this course.

If you are a math major, or are someone in need of taking a technical elective class, or is someone who is a huge fan of math as a whole, then I would recommend this class. There are some familiar terminology from calculus in this class that might help make things a little bit easier in this class.

class feels like solving riddles

I feel like this course is definitely not an easy one and you need to really apply yourself in order to understand the material and get good grades in the class.

#### I would recommend this instructor.



#### Comments

Tim is one of the kindest and most helpful professors that I've had so far at the university level. He was always willing to slow down and elaborate in his lectures during class, engaged with the class to ensure everyone was keeping up with the lecture content, and was extremely considerate of homework assignment due dates/opportunities for bonus points. I always felt like Tim wanted the best for me as a student, in regards to both my learning and my grades. I could not recommend Tim highly enough to anyone interested in taking a class from him.

Really friendly and helpful. Let me feel comfortable in a such hard course.

Dr. Tribone is quite possibly the best professor I've ever had at the University of Utah. He understands common pitfalls that students fall into and mentions them in class to help students. He's also very nice and won't hesitate to repeat things that students don't understand the first time. He has a way of explaining difficult topics in an easy—to—understand way. He offers plenty of opportunities for extra credit that actually help students learn valuable skills. I could go on, but I think you get the point. If every math teacher/professor was like Dr. Tribone, I think math literacy would be a lot higher.

He is a perfect instructor.

Everything about this class was phenomenal. The expectations were fair and clearly communicated with Canvas and Gradescope. The class felt well supported by timely grading and office hours that were approachable and flexible. The changes to the class and course were clearly communicated during class time and on Canvas. The lectures were easy to follow, and the professor always encouraged and engaged with students. It was easy to talk to the professor. Timothy Tribone cared about my well being as a student and was easy to approach. Would take a class with again if possible. Phenomenal, clear, and direct. Let students work through problems and lectures with a great, interactive pacing.

I really liked this instructor. He was always willing to answer questions and followed along with the textbook.

Amazing professor who put 110% effort into teaching the course. You could tell that he was very passionate about the subject and learning from him was enjoyable and easy.

Tim is a great professor and made the course very enjoyable.

Tim is a great teacher, super nice and understanding

I thought Timothy was an excellent professor. He was fair in grading and provided the opportunity for extra credit when extra work was done. He is an excellent teacher I felt like his lectures were fast and furious but he always took the time to answer students' questions and make sure that the understanding of the class as a whole was collectively growing and not being lost during the lecture. He noticed when people were writing furiously so he would slow down and take a minute to talk about an example or a niche aspect of the proof to give everybody time to catch up with the notes as well as a better understanding of what was just written. I felt like he was who made me successful in this class, I was worried about not being a math major taking this proofs class but he helped me to grasp the material and grow. If I ever had a question I would stay after class and ask and he would always take the time to answer and indulge my curiosities. Overall I wanted to commend Tim on his work in this class because I really enjoyed my time in it and appreciated him as a person and as a professor.

I recommend this instructor as he is super helpful when it comes to solving problems in this class. He also let's us do group assignments by working on a worksheet together to help us understand the course material better.

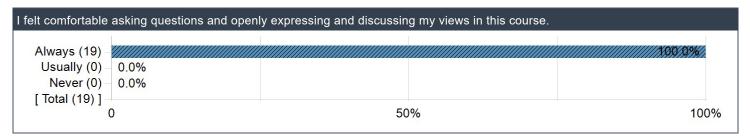
timothy was an amazing instructor

Really really good math instructor

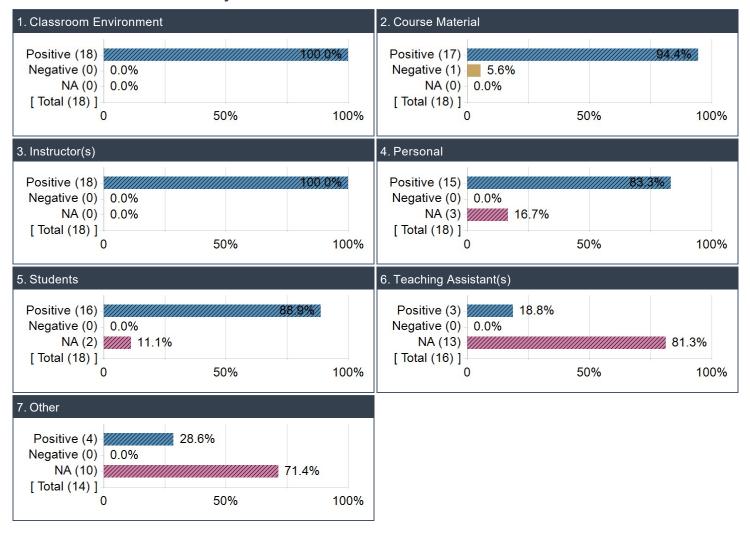
Tim is probably the best professor I have had at this university. He is very understanding and approachable and he makes the class more about understanding and learning the material than just cramming a bunch of information into your head and trying to get a good grade in the class.

# **Asking Questions and Discussing Views**

I felt comfortable asking questions and openly expressing and discussing my views in this course.



## Which of these contributed to your answer?



#### Please explain:

#### Comments

Tim's positivity and kindness cultivated a fantastic classroom culture. I always felt like my fellow students were engaged in the content, and willing to talk to me after class any time I had questions or wanted to plan study sessions. I suffered some personal motivation/life issues this semester that affected my ability to get the grades I wish I had, but I always looked forward to classes with Tim and the rest of the students.

I really liked the 'worksheet days' where I could collaborate with other students. When writing proofs, it's super helpful to talk things out with others. I mean, that's what 'real' mathematicians do anyway. All the students I talked to were awesome.

It was a good classroom environment and I think the professor facilitated that.

Not too much to elaborate on here.

This class was inviting and questions were welcomed always whether it was about handwriting or material. I always felt like I could ask what was making me confused and it allowed me to leave class feeling like for the most part, I was grasping the difficult concepts we had covered.

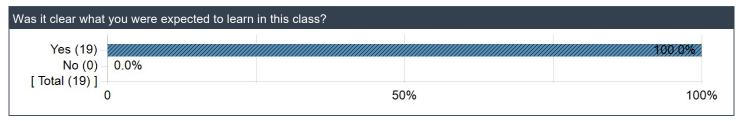
The class environment was overall fine, there weren't any sort of issues I've encountered when taking this class.

very open classroom setting very comfortable asking questions and with students

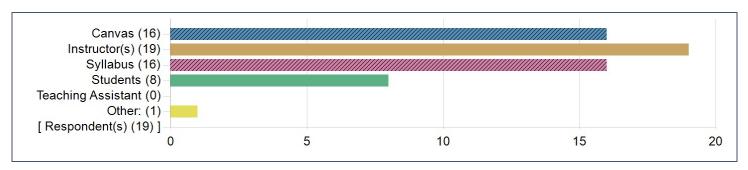
Since the class was not filled with tons of students it was very easy to communicate and get to know your classmates. It also allowed for worksheet days which helped students either review the material or learn new stuff. The professor was great and overall I had a great experience with this course.

# **Learning Objectives**

Was it clear what you were expected to learn in this class?



## If yes, how did you know this?



# Please explain:

#### Comments

Learning outcomes were discussed in the syllabus, as well as mentioned weekly. The homework assignments helped me better understand what was expected of me from this class.

The course material was largely absent from Canvas (it would've been nice if there were modules to show what the current week was going to be covering), but the professor and fellow students were always available to give information regarding the current topics.

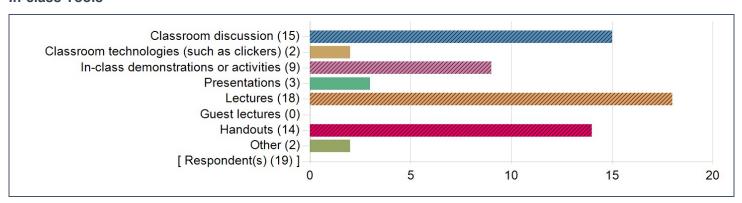
Syllabus was well explained and the book was well explained as well.

The instructor's notes and the textbook are the only things that I've found to be the most helpful for this course.

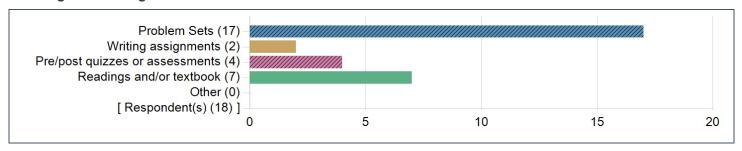
Tim made it clear what we would need to know and expected from us

# Which of these were used in the course and helped you learn?

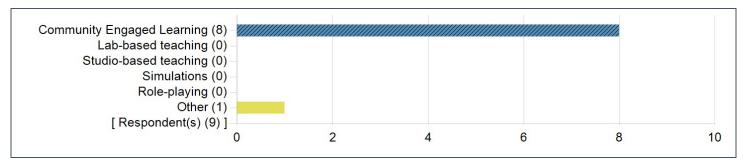
#### In-class Tools



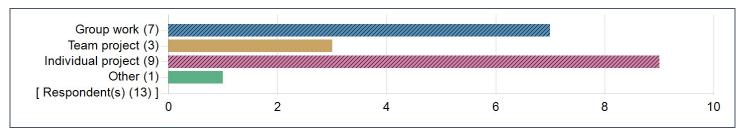
## **Readings and Assignments**



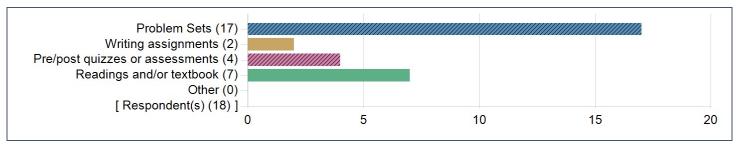
## **Experiential Learning**



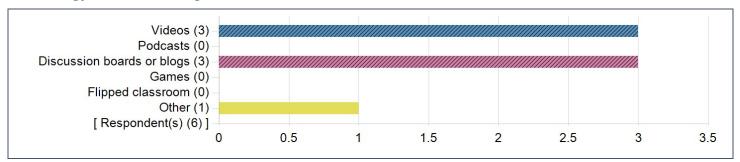
## **Student-based Projects**



# **Readings and Assignments**



# **Technology-Based Learning**



#### Comments

There were many times this semester that I used the internet as a resource for better understanding some of the content in this course, which was very helpful. Often times the things I found online influenced my submissions for the 3 group project submissions. I found that TA/office hours, study sessions, in–class discussions, and online research were most helpful to me in this class. While the work I did for the 3 group project submissions was helpful to me, I never found myself utilizing other students' submissions to the group projects; I never really felt like said group projects would have served as better learning resources than TA hours or online research, regardless of whether or not they actually were better.

There wasn't much technology involved, everything was covered on a whiteboard for the most part.

We had a whole class project which was cool and worksheet days which helped apply our learning.

I feel like the lectures were the main teaching tool and then the problem sets were extremely fair in applying what we learned in different ways to deepen our understanding of the material.

As mentioned earlier, most of the teaching is usually the instructor's notes, and the textbook. It is recommended that you read through the textbook often after class and go over homework problems after they're turned in.

Project was a good way to apply our learning and problem sets and handouts were an excellent way to judge where we are at

# **Additional Comments**

## Is there anything else you would like this instructor to know?

#### Comments

I can't stress enough how helpful Tim was throughout this semester. He was always very willing to listen to his students' concerns and fears with the course, and plan accordingly for them. While at times I wish he had been clearer about what he expected for the exams, and perhaps scheduling more study sessions for students outside of class, Tim was still one of my favorite professors I've ever had in my college career. As mentioned previously, my grades in this course were partially influenced by things happening in my personal life, causing them to be lower than I typically have in college classes. On top of that, this is also just a legitimately difficult course, and for these reasons I'm even more thankful that Tim was my professor. His patience with students and willingness to re–explain concepts as many times as necessary was extremely appreciated.

Office hours, notes on the board, review guide...All stuff from your class are really helpful to me. Just a small suggestion: maybe you could highlight the important stuff like definition, theorem and proof on the board, so that we can know which part we should pay more attention on when reviewing.

Keep up the great work, Dr. Tribone! You're awesome! I really appreciated all the extra credit you offered (even though I didn't take advantage of it, IoI). You always came up with clever bargains, too. You were able to give us what we wanted and also hold us accountable to learn what you wanted us to learn, so that impressed me. I also want you to know that your kindness goes a long way. It's what makes the difference between a professor who's approachable (and you can truly learn from) and one who's just a teacher or someone to be feared.

One thing I will say: I noticed that you got discouraged that we didn't always write formal proofs as formally as you would have liked. I think if you want students to write better proofs, you should write strictly formal proofs on the board (or at least dedicate one section of the board to scratch work and another to formal proofs). I totally 100% understand why it's hard to do this, because you basically have to show scratch work when demonstrating a proof for the first time, and I know you did your best to denote what was scratch work and what wasn't. However, the habits that you adapted on the board (not necessarily writing everything in a perfect, formal way) were the habits that I developed on my homework and exams. So basically what I'm saying is: from day one, get students in the habit of writing formal proofs exactly as you would like them to and stop bad habits early. Overall, though, the class was amazing and I'm glad I had the opportunity to take it from you. As an electrical engineering major, it was cool to be introduced to formal proofs.

#### N/A

I really appreciate everything you did for myself and other students this semester. You made my experience at the University positive and sincerely helped me to feel cared about as a person. I would love to take a class from you again. Loved how clear you were.

Because this class follows along with the textbook, it would be nice to have a clear schedule in the syllabus of what topic or section was being covered on said day. That's the only thing I would change.

Thanks for being a great professor!

He was dope

You did a great job!

You did a great job for the first time teaching this class!

Thank you so much for introducing me to the incredible love of math and helping me grow! I did not think I would love math as much as I do after taking this course! Please keep teaching because you are gifted at it:)

Thank you so much for this semester! I had fun learning about analysis in this class and I wish you good luck in the future!

Great job, the subject was really abstract but you made it super intuitive

Tim far exceeded my expectations for the course and was a very welcoming and positive instructor

Thank you for an amazing semester. You are an amazing professor and this definitely ended up being my favorite class. I think that you should continue to do worksheet days when you teach this class because they were super helpful and was a good change of pace from the lectures. The only thing I would suggest is to either give the notes that from class that day or maybe the section in the book that was covered in class for the students that couldn't make it to class.