



MATH 16110 22 - Honors Calculus I (IBL) - Instructor(s): Sarah N Ziesler

Project Title: **College Course Feedback - Autumn 2023**

Number Enrolled: **13**

Number of Responses: **9**

Report Comments

Opinions expressed in these evaluations are those of students enrolled in the specific course and do not represent the University.

Creation Date: **Friday, February 2, 2024**

What are the most important things that you learned in this course? Please reflect on the knowledge and skills you gained.

Comments
How to rigorously prove and define mathematical theorems.
I gained important knowledge of the foundations of mathematics, and, just as crucially, skills for proving concepts by myself.
How to make proofs.
How to write proof and come up with proof.
basic topology, set theory, logic, writing proofs
Constructing proofs with clarity and rigour
How to structure + write proofs, how to think logically about math, how mathematics as a discipline is structured, basic logic, etc
How to write proofs, how to read proofs, and most importantly, how to be logical and use logic

Describe how aspects of this course (lectures, discussions, labs, assignments, etc.) contributed to your learning.

Comments
The discussions and the office hours were super useful in understanding the proofs and the things to be careful about when proving.
Presentations allowed me to receive feedback on my work and see other ways of proving concepts. Office hours/problem session gave me background for each script and some guidance on approaching the tricky questions. Group work allowed me to think through problems in a more collaborative environment.
Office hours met frequently and were extremely helpful.
The format of the class really enhances my understanding. The class forces me to study every definition/theorem closely. If someone made errors while presenting in the class, prof. Ziesler would prompt everyone to think about the errors and resolutions rather than giving away the correct proof. Prof. Ziesler really did a great job guiding us to think. The office hours are also extremely helpful because it helped me understand a proof that I didn't fully grasp in the class, and it gave me a change to verify my own proof with Prof. Ziesler.
presentations were wonderful, I always learn something new from my peers. Prof Z was wonderful in facilitating the class
The class was essentially a problem session where we went up and presented our premature proofs and corrected as we went. Prof. Ziesler, Noah, and everyone in the class were always asking great questions and the process really honed my ability to think about proofs. The office hours and problem sessions were abundant and fun and outright amazing.
in IBL, you prepare proofs outside of class and then present them to the room during class time. Being able to ask questions about others' proofs and having my proofs critiqued during class was stressful, but ultimately really helpful in my understanding of the concepts.
The office hours were extremely helpful

Please respond to the following:

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
This course challenged me intellectually.	4.78	5.00	0.00%	0.00%	11.11%	0.00%	88.89%
I understood the purpose of this course and what I was expected to gain from it.	5.00	5.00	0.00%	0.00%	0.00%	0.00%	100.00%
I understood the standards for success on assignments.	4.44	5.00	0.00%	11.11%	0.00%	22.22%	66.67%
Class time enhanced my ability to succeed in graded assignments.	4.78	5.00	0.00%	0.00%	0.00%	22.22%	77.78%
I received feedback on my performance that helped me improve my subsequent work.	5.00	5.00	0.00%	0.00%	0.00%	0.00%	100.00%
My work was evaluated fairly.	4.89	5.00	0.00%	0.00%	0.00%	11.11%	88.89%
I felt respected in this class.	5.00	5.00	0.00%	0.00%	0.00%	0.00%	100.00%
Overall, this was an excellent course.	4.89	5.00	0.00%	0.00%	0.00%	11.11%	88.89%

Additional comments about the course:

Comments
Awesome course for anyone interested in proofs or even just passionate about the idea of mathematics.
Prof. Ziesler is experienced at inspiring students to think and appreciate the beauty of math. She is also very encouraging and considerate. Before the submission of the first journal, she told us that she would drop the first assignment if that hurt our grade.
Ziesler is AMAZING!
Definitely the most challenging course I've taken so far, but absolutely worth it

I would recommend this course to:

	No	Yes
Highly-motivated and well-prepared students	0.00%	100.00%
Anyone interested in the topic	0.00%	100.00%

Thinking about your time in the class, what aspect of the instructor's teaching contributed most to your learning?

Comments
Professor Ziesler made herself very accessible when I needed anything, and is always very patient and supportive.
Asking questions and guiding us to think rather than presenting the answer right away.
Helping us understand in our own way
Ziesler was extremely kind, thoughtful, and always tried to be in the student's shoes even though they may not have been thinking about the most "elegant" version of the proof. She advanced our ideas without substituting it with a textbook solution.
In class, Professor Ziesler ensured that all important ideas for each proof were discussed and that everyone understood them. Outside of class, she held SO MANY office hours to make sure students understand the concepts, to help us test ideas for proofs, etc. She's amazing at leading you to a solution or getting you started without giving the whole proof away. She's also always open to testing new ideas on how to prove something and gives detailed, specific feedback on proofs.
She would walk us through the concepts and proofs that we did not understand in class

What could the instructor modify to help you learn more?

Comments
I know that it's really hard to predict what we will cover in class, so this isn't very feasible, but knowing what the journal assignment is further in advance could be nice.
More introduction to logic.
N/A. Everything is great!
N/A
Nothing.
absolutely nothing. she's amazing.
I thought she did a really great job overall

The Instructor . . .

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	N/A
Organized the course clearly.	5.00	5.00	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
Presented lectures that enhanced your understanding.	5.00	5.00	0.00%	0.00%	0.00%	0.00%	75.00%	25.00%
Facilitated discussions that were engaging and useful.	5.00	5.00	0.00%	0.00%	0.00%	0.00%	87.50%	12.50%
Stimulated your interest in the core ideas of the course.	5.00	5.00	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
Challenged you to learn.	5.00	5.00	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
Helped you gain significant learning from the course content.	5.00	5.00	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
Was available and helpful outside of class.	5.00	5.00	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
Motivated you to think independently.	5.00	5.00	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
Worked to create an inclusive and welcoming learning environment.	5.00	5.00	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
Overall, this instructor made a significant contribution to your learning.	5.00	5.00	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%

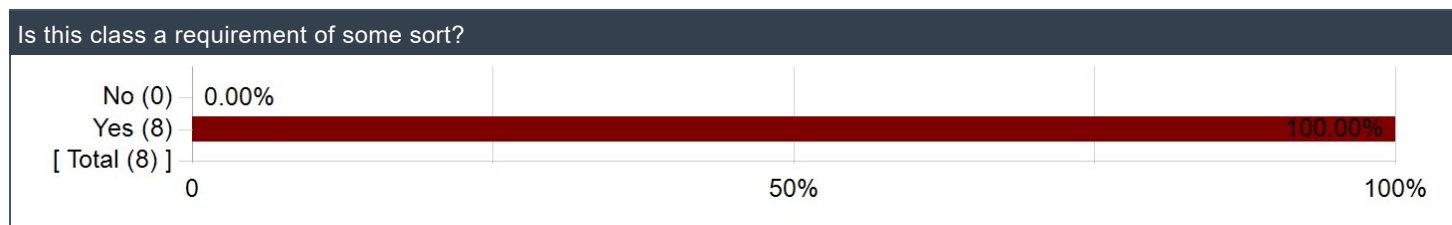
Please include the name of the TA/CA/Intern you are evaluating. What aspects of the TA's teaching contributed most to your learning? What could the TA modify to help you learn more? Please include any additional feedback for the TA/CA/Intern.

Comments
Noah Caplinger
Noah Caplinger! Noah is a very engaging mentor, and makes learning fun while managing to answer all our questions.
Noah Caplinger: Led really influential problem sessions on logic that made the class more accessible.
Noah
Noah Caplinger, he was wonderful!
Noah. He was really knowledgeable and his office hours were always a lot of fun (and learning). Great marker as well!
Noah! Noah was excellent – he's great at explaining concepts and leading the problem session/office hours group through the problems we're discussing. He also gives specific, detailed feedback on assignments, and is always willing to clarify if needed. He's fantastic overall.
Noah

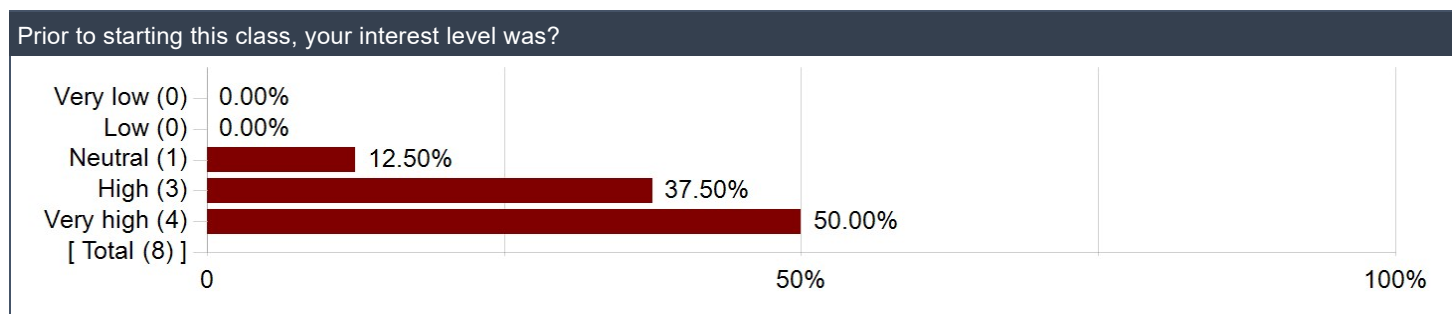
The TA/CA or Intern. . .

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	N/A
Facilitated discussions that supported your learning.	4.63	5.00	0.00%	0.00%	12.50%	12.50%	75.00%	0.00%
Gave you useful feedback on your work.	4.75	5.00	0.00%	0.00%	0.00%	25.00%	75.00%	0.00%
Stimulated your interest in the core ideas of the class.	4.75	5.00	0.00%	0.00%	0.00%	25.00%	75.00%	0.00%
Challenged you to learn.	4.50	5.00	0.00%	0.00%	12.50%	25.00%	62.50%	0.00%
Helped you succeed in the class.	4.88	5.00	0.00%	0.00%	0.00%	12.50%	87.50%	0.00%
Was available and helpful outside of class.	5.00	5.00	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%
Overall, this individual made a significant contribution to your learning.	4.75	5.00	0.00%	0.00%	0.00%	25.00%	75.00%	0.00%

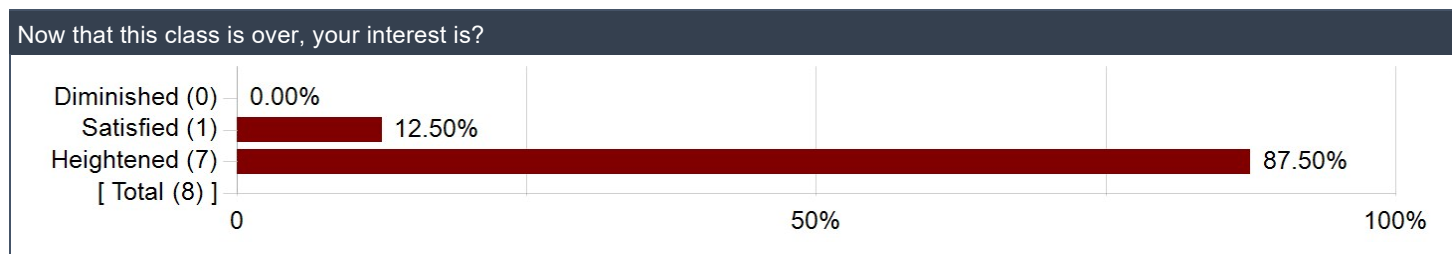
Is this class a requirement of some sort?



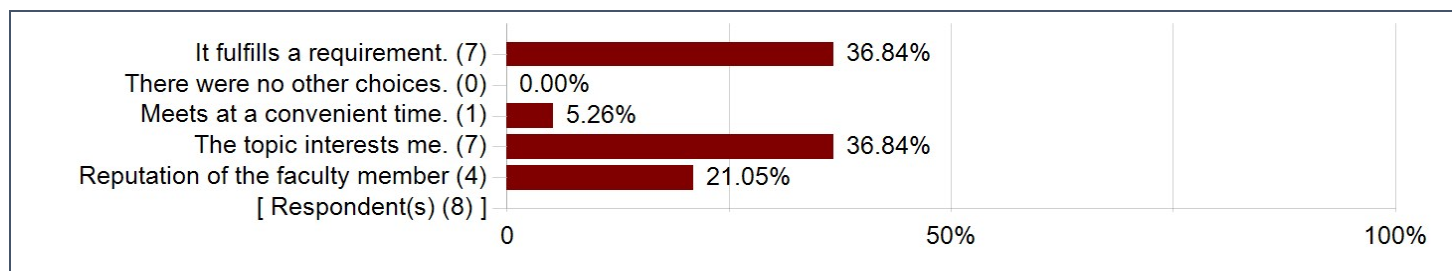
Prior to starting this class, your interest level was?



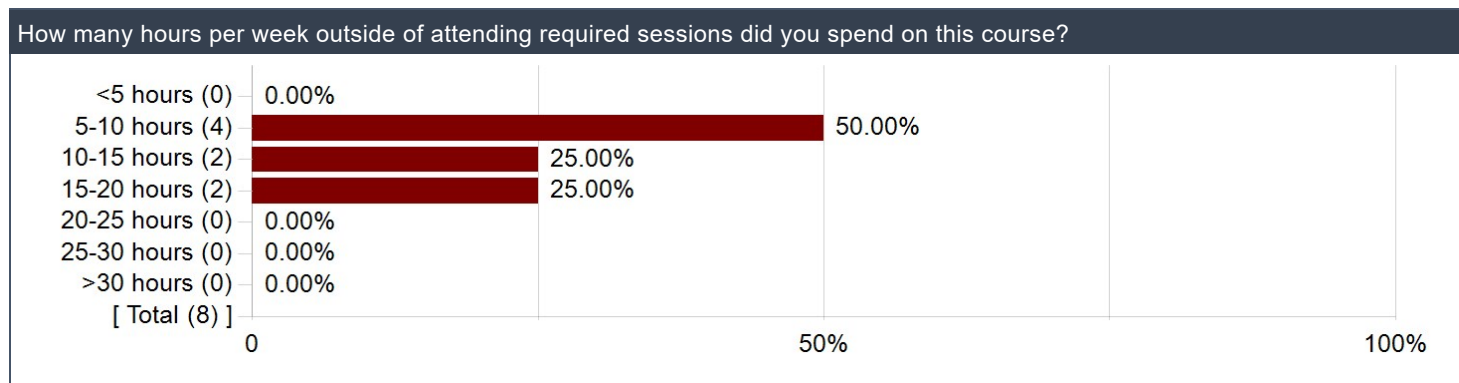
Now that this class is over, your interest is?



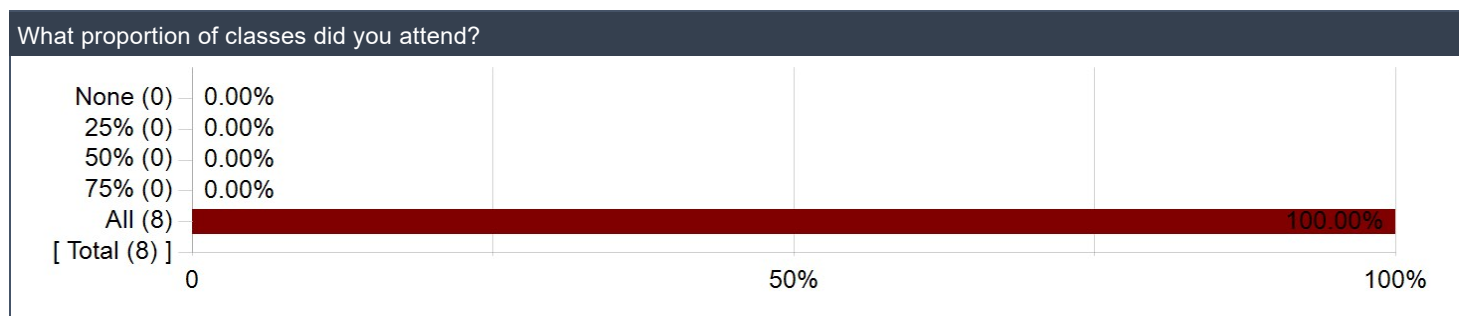
Why did you choose to take this course? (Select all that apply)



How many hours per week outside of attending required sessions did you spend on this course?



What proportion of classes did you attend?



Please comment on the level of difficulty of the course relative to your background and experience.

Comments
I never did proofs but the professor understands that many people are in a similar boat. Although the class is hard, everyone struggles together so you won't be alone. Definitely recommend it to any math enthusiast.
This class is definitely a transition as someone who didn't have any background in proofs. Nonetheless, it has been a beautiful and exciting journey, and putting in the work comes naturally because it is so rewarding.
I had no background in proofs. This course is really challenging but fulfilling.
I've only taken AP Calculus BC but had some informal exposure to basic proof techniques. Overall, the difficulty is very manageable, and the pace starts really slow, which allow us to be familiar with writing proof. Compared to the lecture version, this course might be more time consuming, yet it goes at a slower pace, which helps me understand every definition and theorems more thoroughly. Highly recommended! (Somehow, this course also converts many of us to a math major.)
Had some background in proof writing, this course was challenging at a moderate amount
I had no proof experience but other than the beginning it wasn't too bad.
it's the hardest math class I've taken – I had no experience with proofs or logic before this class