



MATH 16200 31 - Honors Calculus II - Instructor(s): John Alongi

Project Title: **College Course Feedback - Winter 2024**

Number Enrolled: **22**

Number of Responses: **18**

Report Comments

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

Creation Date: **Thursday, March 28, 2024**

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

Comments
Integrals, Trig functions and logarithms/exponentials, Taylor series, Proof-writing
Integration, Special functions (trig, ln, exponentials), Taylor series approximations
Prove of mathematical theorem
This class really helped further my ability to complete rigorous proofs.
Learning to write proofs. Understanding the basis of integrals and trig functions.
Proof-based math, including integrability, fundamental theorem of calculus, trig and log/exp functions, Taylor's series
Integrability, Fundamental Theorems of Calculus, Trigonometric Functions, Taylor Polynomials, Exponentials and Logarithmic Functions
The proofs
Chapter 13–20 of Spivak, including integration, special functions (trig, log, exp), Taylor polynomials
We learned about integrable functions, special functions (trig functions, logarithmic functions, and exponential functions), and how to approximate special functions using polynomials (Taylor polynomials).
We learned about integration and integrable functions, defined trigonometric, inverse trigonometric, logarithmic, and exponential functions, and then defined Taylor Polynomials and learned how to approximate these functions with them.
Developed proof-writing skills in integration, special functions, and polynomial approximation
how to write math proofs
Integration, special function, Taylor theorem.
proofs
Riemann Integrability, building the trig functions and their properties from a specific definition, same with the exp and ln function, Taylor series and Taylor Polynomials/Approximating functions with Taylor Polynomials.

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

Comments
Lectures introduced material that were often reinforced in assignments. Most students would end up at office hours to get help on the assignment.
Lectures are essential, written course notes were useful, office hours were key.
The lecture and office hour benefits me profoundly in terms of understanding the content
Absolutely a perfect math course. I'm a bit sad since next quarter will be my last class with Alongi, and I think it's quite likely that he'll be my best math professor here.
The lectures, various office hours, and Aisosa's problem sessions all were essential to my success in the class.
Lectures were engaging and helped me develop a deeper understanding of the concepts. Office hours are very helpful for homework help.
Lectures not only demonstrate mathematical concepts clearly, but also inspire me to further explore the implications of certain math ideas and learn math as a whole. 162 is really an exciting math class.
3 times a week lectures. Once a week pset. Around 5–10 hours a week on pset.
The course is really organized. Lectures and psets are really helpful.
The lectures and course notes were very helpful.
Discussion sections were very helpful and fun. On Tuesdays we would work on some sort of proof or problem related to what we were learning, and it was always very interesting. Office hours with both the professor and our TA were extremely helpful. The assignments were very thorough and difficult but I learned a lot from them.
Lectures were very effective in covering material that showed up in problem sets. Dr. Alongi spent an abundance of time outside the classroom during office hours answering questions and addressing the applications of proofs covered in class, specifically as they came up in p–sets. Problem sessions were also very helpful, particularly for exam preparation.
lectures were helpful, psets were generally reasonable and connected well to the content from lectures. Also, his office hours are incredibly helpful for completing the psets
OH is very related to the homework.
lectures, homework assignments, office hours
The lectures were crucial to understanding the course content and the assignments were also essential to know what would be on the exams and what we should know how to do.

Please respond to the following:

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
This course challenged me intellectually.	4.94	5.00	0.00%	0.00%	0.00%	5.56%	94.44%
I understood the purpose of this course and what I was expected to gain from it.	4.61	5.00	0.00%	5.56%	5.56%	11.11%	77.78%
I understood the standards for success on assignments.	4.61	5.00	0.00%	0.00%	5.56%	27.78%	66.67%
Class time enhanced my ability to succeed in graded assignments.	4.89	5.00	0.00%	0.00%	0.00%	11.11%	88.89%
I received feedback on my performance that helped me improve my subsequent work.	4.44	5.00	0.00%	0.00%	11.11%	33.33%	55.56%
My work was evaluated fairly.	4.44	5.00	0.00%	11.11%	0.00%	22.22%	66.67%
I felt respected in this class.	4.72	5.00	0.00%	5.56%	0.00%	11.11%	83.33%
Overall, this was an excellent course.	4.78	5.00	0.00%	0.00%	5.56%	11.11%	83.33%

Additional comments about the course:

Comments
It is a very hard course, harder than the previous quarter. Additionally, the curve is horrible so if you anticipate being below the median, get out!
Professor Alongi is a fantastic Professor/Teacher but also might expect more from his students than other Honors Calculus Teachers potentially? For those in search of a rigorous treatment of calculus, I can't recommend this class enough.
TAKE THIS COURSE WITH ALONGI. He has spent a lot of time thinking about and practicing his teaching skills, and it really comes across in not just lectures, but homeworks, office hours, review session — he even writes course notes that are the equivalent to another textbook for the course.
He puts in a lot of effort and it's very evident. Have nothing but praise
Professor Alongi holds numerous office hour times throughout the week for you to get help on assignments. He creates his own homework problems which really challenges you to think independently. The TA also holds office hours as well so there is basically a chance for you to help every day of the week.
This course is well organized and extremely interesting. It is definitely a challenge but it is super rewarding and I learned so much about problem solving and analytical thinking, even beyond math.
I felt that I had been pretty lucky with my experience with great math teachers throughout high school, and Dr. Alongi absolutely blew my expectation for a math professor out of the water. One of the smartest, most charismatic teachers I've ever had who also cares deeply about the success of his students.
very hard but worth it (if you are willing to sacrifice an amazing grade to learn a lot)
Excellent and challenging course!

I would recommend this course to:

	No	Yes
Highly-motivated and well-prepared students	5.88%	94.12%
Anyone interested in the topic	64.71%	35.29%

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

Comments
I think his lectures were helpful in introducing material and office hours in getting through the homework.
Office hours are immensely helpful
His humorous style of teaching and kindness in responding to questions
His course was absolutely great in every facet! I especially appreciate his crystal-clear lectures and thoughtfulness in selecting and creating homework problems.
Office hours really helped clarify things that I didn't understand in class.
Professor Alongi is great! His lectures are clear, engaging and inspiring. He is also very patient and supportive during office hours. He really inspires my interest in math.
Lectures. Great explanation of textbook materials. Office hours were great too. Professor Alongi keeps course notes for his class which is very useful to place the material together.
Extremely organized. Lectures are engaging. Office hours are also really helpful.
Professor Alongi was very passionate about the material and this made a big difference in the atmosphere of the class. Each class was very engaging and interesting. He was also very available for office hours.
The lectures were very clear and went over the key definitions, theorems, and how the theorems are proved. Office hours were great to work through the homeworks which helped me understand the material more clearly and learn proof solving strategies. Professor Alongi was amazing and I felt very lucky to have him for this class!
Lecture/office hours
Prof Alongi explained topics very clearly and always took the time to check for questions
Very clear lecture.
Professor Alongi had a great pace of lecturing and was very clear in his lectures too. This, along with his thorough explanations/willingness to answer questions during office hours, helped the most.

What could the instructor modify to help you learn more?

Comments
If he was nicer with the curves and examinations. My GPA will take a hit because of this class. I get that I may not be an academic mathematician, but why make one suffer so much?
He the best <3
Teach a section of real analysis next year
None
Personally I would prefer to have the slides posted, like last quarter. But solely writing on the blackboard is also fine:)
Nothing. Alongi is the best math teacher I've ever had.
n/a
Nothing that I can think of.
nothing
N/A

The Instructor . . .

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	N/A
Organized the course clearly.	4.94	5.00	0.00%	0.00%	0.00%	5.88%	94.12%	0.00%
Presented lectures that enhanced your understanding.	4.94	5.00	0.00%	0.00%	0.00%	5.88%	94.12%	0.00%
Facilitated discussions that were engaging and useful.	4.88	5.00	0.00%	0.00%	5.88%	0.00%	94.12%	0.00%
Stimulated your interest in the core ideas of the course.	4.82	5.00	0.00%	0.00%	5.88%	5.88%	88.24%	0.00%
Challenged you to learn.	4.94	5.00	0.00%	0.00%	0.00%	5.88%	94.12%	0.00%
Helped you gain significant learning from the course content.	4.88	5.00	0.00%	0.00%	5.88%	0.00%	94.12%	0.00%
Was available and helpful outside of class.	4.94	5.00	0.00%	0.00%	0.00%	5.88%	94.12%	0.00%
Motivated you to think independently.	4.88	5.00	0.00%	0.00%	5.88%	0.00%	94.12%	0.00%
Worked to create an inclusive and welcoming learning environment.	4.76	5.00	5.88%	0.00%	0.00%	0.00%	94.12%	0.00%
Overall, this instructor made a significant contribution to your learning.	4.82	5.00	0.00%	5.88%	0.00%	0.00%	94.12%	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
Aisosa. Pretty great but I couldn't make it to many of his office hours.
Aisosa
His problem sessions often showed interesting questions or applications. They were a bit scattered at times, but Aisosa was so nice and really wanted us to succeed — I think he did a great job as a TA for this course!
Aisosa
Aisosa Efemwonkieke
Aisosa
Aisosa
Aisosa's problem sessions were very helpful in understanding the ideas of the course.
Aisosa Efemwonkieke. The discussions were very helpful to apply the topics and sometimes learn a new proof we wouldn't have otherwise seen. The office hours were also very helpful for asking questions. There is nothing I can think of to modify.
Aisosa Efemwonkieke. Aisosa does an excellent job at meeting you at your level of understanding by breaking down problems into simpler chunks, and his teaching style is effective without blatantly giving away answers.
Aisosa Efemwonkieke
Aisosa

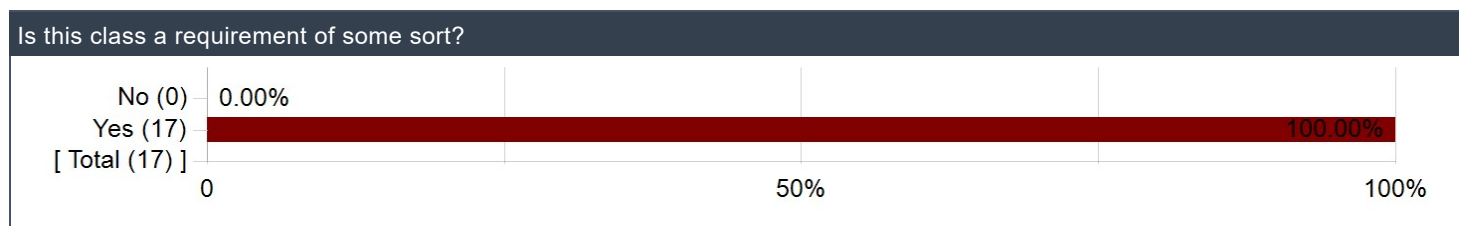
The TA/CA or Intern. . .

	Mean	Median	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree	N/A
Facilitated discussions that supported your learning.	4.64	5.00	0.00%	0.00%	0.00%	36.36%	63.64%	0.00%
Gave you useful feedback on your work.	4.64	5.00	0.00%	0.00%	9.09%	18.18%	72.73%	0.00%
Stimulated your interest in the core ideas of the class.	4.73	5.00	0.00%	0.00%	0.00%	27.27%	72.73%	0.00%
Challenged you to learn.	4.82	5.00	0.00%	0.00%	0.00%	18.18%	81.82%	0.00%
Helped you succeed in the class.	4.55	5.00	0.00%	9.09%	0.00%	18.18%	72.73%	0.00%
Was available and helpful outside of class.	4.82	5.00	0.00%	0.00%	0.00%	18.18%	81.82%	0.00%
Overall, this individual made a significant contribution to your learning.	4.55	5.00	0.00%	9.09%	0.00%	18.18%	72.73%	0.00%

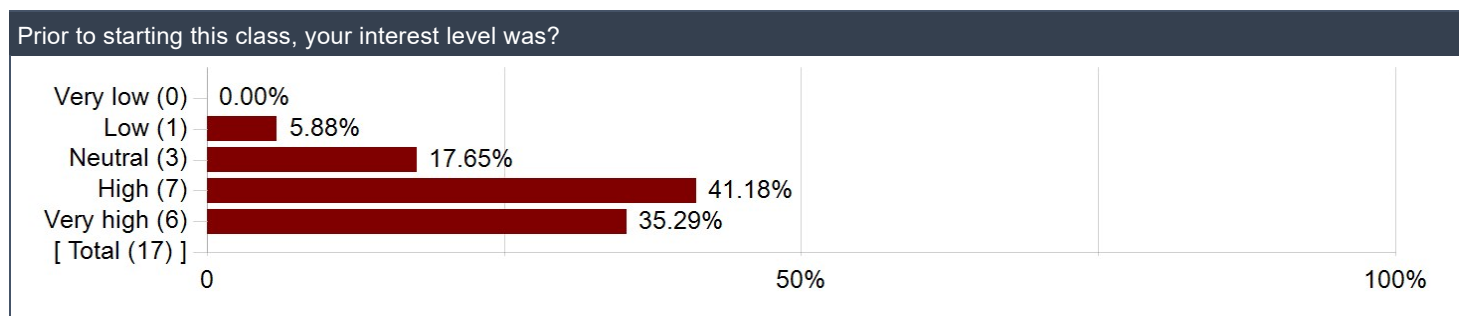
How much did the following elements of the course contribute to your learning gains?

	Mean	Median	No Gain	A Little Gain	Moderate Gain	Good Gain	Great Gain	N/A
Laboratory Experience	N/A	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Field Trips	N/A	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Library Sessions	N/A	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Review Sessions	N/A	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Writing Seminars	N/A	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%

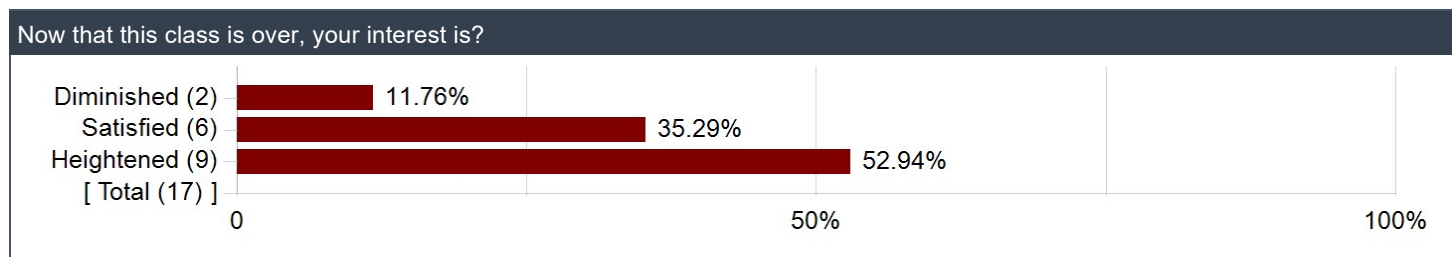
Is this class a requirement of some sort?



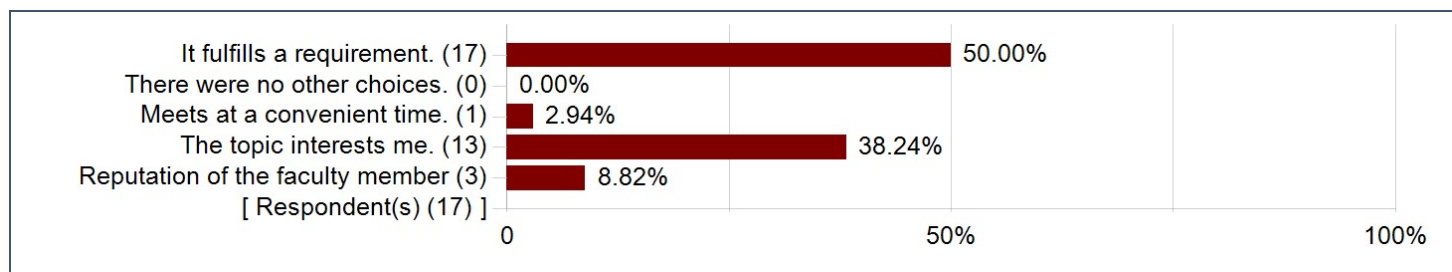
Prior to starting this class, your interest level was?



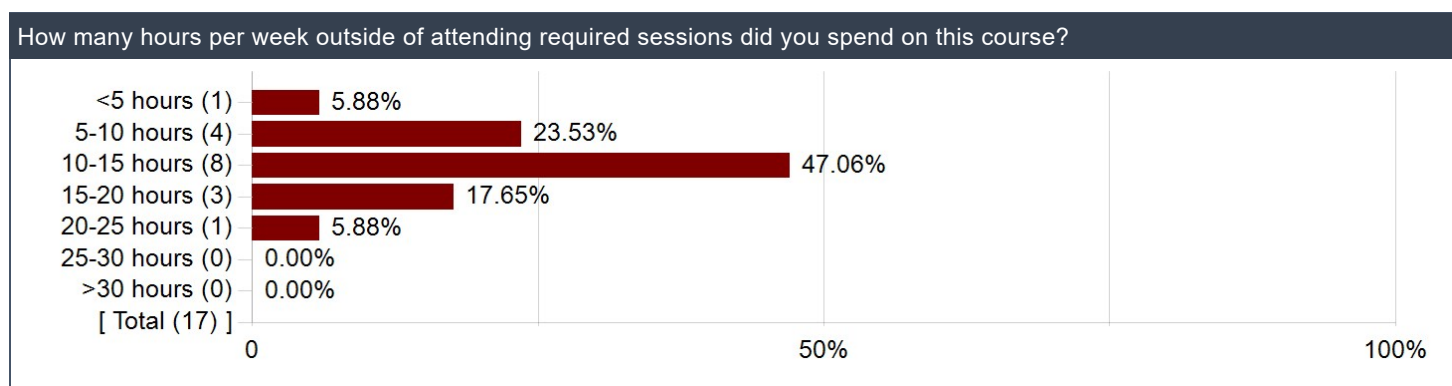
Now that this class is over, your interest is?



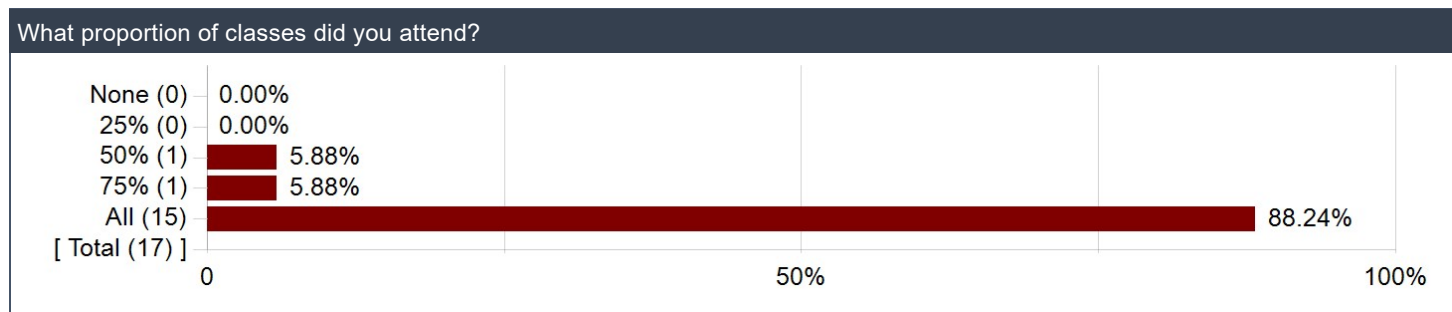
Why did you choose to take this course? (Select all that apply)



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
Very hard course. Even if you feel like you understand the material, chances are you'll bomb the exams. Unless you want to spend your weekends grinding math questions, would not recommend. The material is harder than Math 161 as well.
I've taken all of calculus before but nothing proof based. This class is entirely different than anything I've done before and very little of my knowledge really helps with this class. Unless you have taken some pretty solid proof base mathematics I'd expect to put serious work into this class to do well.
It's fair
Alongi has high expectations, but they are reasonable. I feel the grading is fair given the quality of his instruction and look forward to next year in analysis, as I will have a great foundation.
This class is quite challenging, but Professor Alongi is an excellent teacher. It's important to stay ahead on assignments and to be precise with your answers on all homework and tests. You will need to spend quite a bit of time outside of class, but for anyone interested in math, the course is definitely worth it.
Moderate and reasonable, just like last quarter
Slightly harder than 161 since the curve is more difficult.
It is about the same as math 161; the course continues to explore calculus through proofs.
The assignments are definitely difficult but totally doable especially with help from the many office hours each week, and the material I learned from them was super valuable. The exams were difficult and having many proofs on an exam that you have to puzzle out in limited time can be super stressful. I wish that we had maybe 1 fewer question on the exams, especially the final which felt super long for the amount of time we had, because it can be very difficult to slow down and take your time figuring out a proof when you are under such a strict time limit. I do think it is valuable to have challenging questions on the exams that aren't just regurgitation, but I think giving a little bit more time per question would make it less stressful and more doable, while still assessing our proof abilities and our understanding of the material.
With no background in proofs, this was the most difficult math class I've ever taken, but it definitely never felt like I was left out to dry or working alone. I think, for the most part, you get out of this course what you put into it.
I thought the course was challenging, but definitely better than Honors Calc 1 as I was more comfortable writing proofs.
very hard (i took bc calc and linear in high school)
After Honors Calculus I and AP Calculus BC, this course was challenging because the content is new but very much doable. You just have to invest enough time and work smart AND hard.