

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-136-05.Fall.2021: MATH-136-05.Fall.2021

Instructor: Neranga Fernando *

Response Rate: 21/21 (100.00 %)

Question		1	2	3	4
Q1. Please indicate your class level:	n	9	10	2	0
	%	42.86%	47.62%	9.52%	0.00%

Scale: 1 = First Year, 2 = Second Year, 3 = Third Year, 4 = Fourth Year

Q2. What is your gender?
• male
• Male
• female
• female
• Female
• female
• Female
• female
• male
• Female
• Female
• Female
• female
• female
• Female
• Female
• male
• female
• female
• Female

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Question	Q3. What is your major(s)?	n	%
1	Accounting	0	0.00%
2	Anthropology	0	0.00%
3	Art History	0	0.00%
4	Asian Studies	0	0.00%
5	Biology	4	22.22%
6	Chemistry	1	5.56%
7	Classics	0	0.00%
8	Computer Science	1	5.56%
9	Economics	11	61.11%
10	English	0	0.00%
11	Environmental Studies	0	0.00%
12	French	0	0.00%
13	German	0	0.00%
14	History	0	0.00%
15	International Studies	0	0.00%
16	Italian	0	0.00%
17	Mathematics	1	5.56%
18	Music	0	0.00%
19	Philosophy	0	0.00%
20	Physics	0	0.00%
21	Political Science	1	5.56%
22	Psychology	2	11.11%
23	Religious Studies	0	0.00%
24	Russian	0	0.00%
25	Sociology	0	0.00%
26	Spanish	0	0.00%
27	Studies in World Literatures	0	0.00%
28	Studio Art	0	0.00%
29	Theatre	0	0.00%
30	CIS/Student Designed Major	0	0.00%

If you checked "CIS/Student Designed Major" please list the title of your major below.

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Question	Q4. What is your minor(s), or concentration(s), if applicable?	n	%
1	Africana Studies	0	0.00%
2	American Sign Language	0	0.00%
3	Anthropology	0	0.00%
4	Art History	0	0.00%
5	Asian Studies	0	0.00%
6	Biochemistry	2	40.00%
7	Chinese	0	0.00%
8	Computer Science	1	20.00%
9	Creative Writing	0	0.00%
10	Dance	0	0.00%
11	Education	0	0.00%
12	Environmental Studies	0	0.00%
13	French	0	0.00%
14	Gender, Sexuality, and Women's Studies	0	0.00%
15	Geosciences	0	0.00%
16	German	0	0.00%
17	Italian	0	0.00%
18	Latin American, Latinx, and Caribbean Studies	0	0.00%
19	Peace and Conflict Studies	0	0.00%
20	Philosophy	0	0.00%
21	Physics	1	20.00%
22	Religious Studies	0	0.00%
23	Russian	0	0.00%
24	Statistics	1	20.00%
25	Studies in World Literatures	0	0.00%
26	Studio Art	0	0.00%
27	CIS/Student Designed Minor	0	0.00%

If you checked "CIS/Student Designed Minor" please list the title of your minor below.

Question		1	2	3	4	5	6	7
Q5. What is your approximate current GPA?	n	10	8	1	0	0	0	0
	%	52.63%	42.11%	5.26%	0.00%	0.00%	0.00%	0.00%

Scale: 1 = 3.7 - 4.0, 2 = 3.3 - 3.69, 3 = 3.0 - 3.29, 4 = 2.7 - 2.99, 5 = 2.3 - 2.69, 6 = 2.0 - 2.29, 7 = <2.0

Question		1	2	3	4	5	6	7	8	9
Q6. Please indicate the reason(s) you are taking this course. (Check all that apply.)	n	14	4	0	2	1	8	0	1	0
	%	66.67%	19.05%	0.00%	9.52%	4.76%	38.10%	0.00%	4.76%	0.00%

Scale: 1 = Major requirement, 2 = Common area requirement, 3 = Concentration requirement, 4 = Minor requirement, 5 = Instructor, 6 = Interest in the course material, 7 = My advisor recommended it, 8 = Time/day offered, 9 = Friends are taking it

Other, please specify:

- pre-health requirement
- I'm considering being a statistics minor or double psychology and mathematics major, so I decided to take this class.

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Question		5	4	3	2	1	Mean	Std	Median
Q7. Please describe your level of investment in this course. By investment, we mean the time, energy, and commitment you put into this course.	n	15	6	0	0	0	4.71	0.46	5.00
	%	71.43%	28.57%	0.00%	0.00%	0.00%			

- Math is all practicing problems and repetition, so I have spent a lot of time outside of classing doing practice problems.
- I do all the homeworks, study and go to office hours.
- The material is difficult and I have a study a lot
- I wasnt too invested until later on in the course but I spend a really long time every week doing practice problems and going to office hours
- I have worked tirelessly on homework and studying throughout the course, as well as attending office hours and working with peers in the class.
- This is by far the hardest class that I have taken here at Holy Cross. The amount of time outside of the classroom and the class meeting more than a normal class often means that I spend most of my days on calculus 2.
- While this class does not count towards my major or any common requirements, I have a genuine interest in the subject and I find it fun most of the time.
- I go to office hours for this class almost every day and spend more time working on this class than any other class.
- This is actually my favorite class this semester so I definitely do put in a lot of effort into this class in order to complete all my homework, perform well on quizzes/tests, and get good grades overall. I took AP calc in high school so I feel very prepared for this class, so I don't have to put in a ton of extra time for studying, which is why I clocked high instead of very high.
- I try to do all of the recommended problems before tests and quizzes. When necessary, I go into office hours for extra help. I work really hard on the homework assignments too.
- For this course I did all assigned material and a lot of additional practice problems. I spent a lot of time studying and reviewing class content as well as actually doing work
- This class is very demanding of students. There is at least one assignment due every week, whether a homework assignment, online web work problem set, or quiz. It is typically manageable but definitely very time consuming.
- There is usually ample material for me to review and study for quizzes, tests, etc. However, sometimes, the classes themselves don't have as much helpful material for review; the class is very theoretical, which I don't believe is exactly helpful for exams, as the material on the exams is just problem solving. This makes focusing on and being invested in the material in class sometimes harder, as it isn't always helpful in the long run.
- I did finished all the homework before the allotted time and i did extra practice problems in my free time and i studied well for both midterms

Scale: 5 = Very High, 4 = High, 3 = Moderate, 2 = Low, 1 = Very Low

Question		4	3	2	1	Mean	Std	Median
Q8. How would you rate your performance for each of the following course requirements?: a. I read or viewed all of the assigned materials	n	19	2	0	0	3.90	0.30	4.00
	%	90.48%	9.52%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: b. I did my best to complete all of my assignments	n	21	0	0	0	4.00	0.00	4.00
	%	100.00%	0.00%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: c. With the exception of excused absences, I attended the class all of the time	n	18	2	1	0	3.81	0.51	4.00
	%	85.71%	9.52%	4.76%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: d. I actively participated in class (e.g., asked questions, responded to others' questions, etc.)	n	14	7	0	0	3.67	0.48	4.00
	%	66.67%	33.33%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: e. I helped contribute to a positive learning environment in class (e.g., engaged with classmates in or out of class, participated actively in group work, etc.)	n	19	2	0	0	3.90	0.30	4.00
	%	90.48%	9.52%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

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Question		1	2
Q9. Did you work with your professor outside of class (i.e. visited office hours, made individual appointments, attended review sessions, etc.)	n	20	1
	%	95.24%	4.76%

Scale: 1 = Yes, 2 = No

Q9a. Please list the reason(s) that you did work with your professor outside of class.

- extra help
- I had to take a quiz outside of class
- Going over problems that I didn't understand
- office hours/review sessions
- Office hours, review sessions, meetings about grades
- I work with the professor if I am having a difficult time on homework
- I usually have questions about the homework and just concepts in general but office hours are really helpful and I get more out of them than i tend to get out of class
- My standing in the class wasn't as good as I wanted it to be but I also found the office hours fruitful and rewarding.
- I worked with him outside of the classroom because I could not keep up with the class. When I see homework questions, I do not know how to go about them because in class he moves so fast through examples and I do not have time to catch up.
- I met with Professor Fernando to go over problems.
- If I was struggling with a problem on the homework I would go to office hours.
- I needed extra help with homework problems and practicing for quizzes and exams.
- I wanted to do some extra problems in office hours with him before some quizzes, and I have also visited office hours when I have had a question on the written homework or WebWork. It has always been very helpful.
- WeBWork, review for quizzes and test
- I was unsure of some of the material that we covered in class and wanted to feel more confident before taking a midterm/quiz on that material. Sometimes, I went in for help because I was genuinely confused on some of the assigned problems.
- Homework help, quiz review
- I often needed help with homework problems or needed clarity on the material
- i missed some classes and prof F helped me reschedule tests and get the information i missed
- I work with Professor Fernando frequently in terms of my extra time and clarifying concepts. He's extremely helpful one on one and takes extra time for his students incredibly seriously, something I have not experienced with other professors.
- Switched into his class so i went to office hours to learn what i missed and make up a quiz

Q9b. Please explain why you did not work with your professor outside of class.

- I felt that I found it most useful to go through my notes/answer keys by myself.

Question		4	3	2	1	Mean	Std	Median
Q10. Please indicate the extent to which you agree or disagree with the following statement.: The course content deepened my understanding of the subject matter (e.g., factual knowledge, understanding of concepts and theories, etc.)	n	13	8	0	0	3.62	0.50	4.00
	%	61.90%	38.10%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

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Q10a. Please explain explain your response to this statement: "The course content deepened my understanding of the subject matter (e.g., factual knowledge, understanding of concepts and theories, etc.)"

- Spent a lot of time learning new subjects.
- I knew most of the stuff we learned in this class before
- I feel that I have understood everything we have done and can do it independently
- I already learned a lot of this stuff from AP Calc and Calc 1, but this went more into depth
- Course was a little too fast so I could not get full learning experience
- I sometimes get a bit confused with what we are learning
- I have a deeper understanding of Calculus after taking this course.
- It did and I learned a lot more than I thought I would I just dont really like the subject
- I feel like I learned a lot and improved throughout the course of the semester.
- This course has introduced me to topics I have never heard of but because of that I have struggled to keep up. I do not think my grade is not an accurate representation of my performance.
- I learned a lot about calculus.
- I am doing well in the class and I have furthered my understanding of calculus.
- I learned more about calculus than I did in my ap calc class in high school.
- I loved calculus in high school but we had a shortened year due to covid and it was mostly online, so we didn't go into the level of detail that we have done this year. So, I definitely have gained a deeper understanding for each unit.
- I did have some background on some of the concepts but overall I would say I certainly deepened my understanding on the subject matter
- Even though I had already covered some of this material in high school (like u substitution, integration by parts, etc.), I was able to have deeper conceptual knowledge of the proofs behind them. Additionally, I learned a lot of new things like trig substitution and different ways to integrate with half angle identities and such.
- The concepts explored in calculus 2 were seen not just on the surface level but also applied to science and economics as well
- I was able to learn the material presented with time
- We learned about very interesting topics and deepened our understanding of calc
- While again I wish we did more examples and group work in class, Professor Fernando has been recently doing a great job in explaining concepts in class so that it is much easier to read the textbook and study on our own. I definitely understand the theoretical side of Math/Calculus much better than I did in high school or Calculus 1 last semester. While the theoretical side of Math is sometimes arduous, it is helpful when you are confused about a problem, as you can break it down theoretically to make it make sense.
- While much of the material is a retrace of what i learned as a senior in high school, i learned new things about each concept and understood them deeper and better

Question		4	3	2	1	Mean	Std	Median
Q11. Please indicate the extent to which you agree or disagree with the following statement.: The course content deepened my interest in the subject matter	n	9	8	3	1	3.19	0.87	3.00
	%	42.86%	38.10%	14.29%	4.76%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

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Q11a. Please explain explain your response to this statement: "The course content deepened my interest in the subject matter"

- I enjoy math a lot more now
- I am not interested in completing another math course (outside of stats) after this one
- I enjoyed calculus in high school and this course built on y preexisting knowledge and deepened my understanding
- I don't really enjoy math or see a future in it, but I learned a lot
- I feel stronger in calculus, but did not get much help when needed
- I dont think the course has deepened my interest because it is difficult
- The professor did a good job of finding real world applications to what we were learning.
- I am more interested in sequences now and I am seeing connections with econ but thats kind of it I just dont like arithmetic very much
- I have never enjoyed math, but found some of the aspects of the course to be very interesting and fun.
- This course has not deepened my interest and I often think of how this course is hurting my GPA. I take this course only because it is a major requirement.
- I typically enjoy math so this class was interesting.
- I have thought about switching to a math major once or twice while taking this course.
- Since I have worked hard and done well in this class, it has made me want to continue with more math classes in college.
- I find this class to be very fun, so it has made me a lot more interested in math. I am actually now considering doing something more in the math field because I enjoyed this class so much. Professor Fernando is a very good teacher and made class fun which has contributed to my interest in the subject.
- The classes were mostly engaging and i enjoyed the material.
- Although I already enjoyed math, this class reminded me that it is one of my strong suits and that it is actually fun to do in practice. When I understood the material discussed in class, I found my homework to be super engaging.
- Although I will not be majoring in mathematics, this class has significant applications to my economics major, and I am now eager to explore the ways the two courses connect
- I liked the course but it was a challenge for me to understand at times
- great puzzles
- I am definitely declaring either a Stats minor or double Psych/Math major after taking this course. Professor Fernando frequently uses lessons in Calculus and applies them to Economics or Statistics, which is extremely helpful as well as motivating, because it demonstrates that there is actually a NEED for this type of mathematical knowledge in every day life.
- I've always loved math, but this course helped me solidify the subject as a potential future for me

Question		4	3	2	1	Mean	Std	Median
Q12. Please indicate the extent to which you agree or disagree with the following statement.: The course was well organized	n	12	7	2	0	3.48	0.68	4.00
	%	57.14%	33.33%	9.52%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

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Q12a. Please explain explain your response to this statement: "The course was well organized"

- each class usually covered one topic
- The teacher was really good at telling us what section we were covering from the textbook
- There was nothing that we did that we didn't have advanced knowledge about. He stuck to his plans and everything was done in an organized way.
- things flowed nicely from one to another, but some topics didn't quite connect
- Not very organized, things were changed often, assignments added randomly
- the course is organized, but it is sometimes difficult to fins assignments online
- The canvas page was somewhat disorganized, I sometimes had to spend a few minutes clicking through all of the files to find what I was looking for and the announcements section was kind of confusing instead of having modules.
- The professor is clearly very organized i see he brings a lesson plan every day
- The Canvas page was very easy to navigate and we followed along with the syllabus, unless it was made clear that we were doing something different. Assignments and due dates were always easy to find.
- He follows the syllabus, but the syllabus does not give an accurate representation of how long it takes to understand these topics. It appears he is too smart to realize that we are lost and do not pick up the topics as fast as he does.
- The class was well organized but getting the answers for homework/problems before an exam or a quiz typically didn't happen until it was too late to look at it before (like the morning of).
- The course feels well structured with topics building off of each other in a way that makes sense.
- Professor Fernando always emailed us and put updates on canvas so that we always knew about homework assignments and when assessments are happening.
- Canvas has all the assignments in it, and all the quiz/test dates were given ahead of time. There have been no surprises and I always know what to expect when I walk into class. which I appreciate.
- The announcements on canvas were extremely helpful and the syllabus clearly outlined the homework assignments. However, I would suggest including which sections were part of each homework on the syllabus
- We had a clear schedule of quizzes, tests, and homework assignments. Professor Fernando was really good about posting materials on Canvas and about reminding us about all of our due dates. He also always comes to class with his lessons well prepared.
- This course had clear due dates, quiz dates, and many reminders of what was expected for assignments and when. Additionally, the sequence of units/chapters covered went along with class everyday and it was very easy to use the textbook because we knew exactly where we were at the beginning and end o every class.
- The teacher followed the syllabus, but almost a bit too much at times. When students asked questions in class as the material is very dense and complicated, he would sometimes stop taking questions because he had to finish the lesson
- sometimes the pace was not consistent
- Professor Fernando always had a plan for each class, and always timed his lessons near perfectly. Sometimes, he would make errors, either in writing or solving a problem, but he would always catch it quickly and not let it affect anything.
- we were given every assignment's due date from the beginning and reiterated to us at the beginning and through out the week

Question		4	3	2	1	Mean	Std	Median
Q13. Please indicate the extent to which you agree or disagree with the following statement.: The course gave me enough opportunities to demonstrate my learning	n	14	5	2	0	3.57	0.68	4.00
	%	66.67%	23.81%	9.52%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

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Q13a. Please explain explain your response to this statement: "The course gave me enough opportunities to demonstrate my learning"

- lots of homework and assessments
- There were enough tests, quizzes and homework assignments
- We had both homework assignments and quizzes to demonstrate what we had learned
- The tests/quizzes/homeworks tested what we learned but they were sometimes very hard to do
- Weekly quizzes were good but also would start teaching new stuff week if quiz added confusion
- we have homework and quizzes every week where I can show that I know the material
- We had either a quiz or homework due each week, 2 exams and the final to demonstrate our learning.
- We have a lot of homework and quizzes and you are always welcome to do problems on the board if you want to
- I feel that I learned more and made more progress than my grade may project, but there were plenty of assignments that were useful in gauging progress for myself.
- The quizzes and midterms do not show how much time and effort I put into this course.
- There were quizzes and exams and lots of homework but for the quizzes it's typically only 2 questions worth 10 points and an extra credit worth 2 points so if you missed one problem you most likely failed the quiz which was very difficult.
- Quizzes and homework have allowed me to demonstrate what I have learned.
- We had quizzes every other Friday and two midterms, which felt like the right amount of opportunities to demonstrate my learning.
- I had multiple opportunities to volunteer in class to show my learning, and I had exams and homework assignments to do this as well.
- Having quizzes every other week I think was a good way to make sure I stayed on top of the material.
- We have had several opportunities to test and to show Professor Fernando our knowledge. The frequent testing and graded homework assignments give me the perfect opportunity to show my knowledge.
- The three exams were not the only evaluation of students learning, as homework and quizzes were regular and often.
- There are a variety of assignments that allow you to demonstrate your learning, with written and online homework, quizzes, two midterm and a final. However, due to the weight of the assignments, I find that although I often feel confident in my ability, this is not reflected in my grade. I find the tests and quizzes to be pretty difficult, as there is so much to cover while studying. I feel that I could be doing better, but due to a few mistakes in my quizzes my grade is not what I would hope.
- tests were common and fair
- I believe that group work and dedicating entire/half classes to solving example problems are extremely beneficial in Math classes. We used to do more group work at the beginning of the semester, but lately it has tapered off. In preparation for the final, I propose that we have more review sessions (either in class or out of class) where all we do is work together to solve problems. We could even turn it into a game! But this way, more and more students, especially those afraid of participating in an entire class, can demonstrate their learning to smaller groups and the Professor without feeling anxious.
- the teacher and his TA had a lot of office hours to help us with problems or concepts we struggle with and the teacher asks and answers all questions the students have

Question	Q14. We are interested in learning how the course helped you develop skills and abilities beyond your understanding and appreciation of the course content. Please check the skill or ability that you believe you most developed as a result of taking this course.(Please note that the options below are not expected to apply to every course).This course most improved my . . .	n	%
1	Critical thinking skills	7	33.33%
2	Oral communication skills	0	0.00%
3	Creative thinking skills	1	4.76%
4	Writing ability	0	0.00%
5	Close reading skills	0	0.00%
6	Research skills	0	0.00%
7	Problem-solving skills	11	52.38%
8	Ability to collaborate with others	0	0.00%
9	Ability to make connections across disciplines	1	4.76%
10	Ability to use information resources and technology	0	0.00%
11	Spiritual development	0	0.00%
12	Personal development	1	4.76%
13	Awareness of social justice issues	0	0.00%

Other, please specify:

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Question	Q14a. We are interested in learning how the course helped you develop skills and abilities beyond your understanding and appreciation of the course content. Please check the skill or ability that you believe you next most developed as a result of taking this course.(Please note that the options below are not expected to apply to every course).This course most improved my . . .	n	%
1	Critical thinking skills	10	47.62%
2	Oral communication skills	0	0.00%
3	Creative thinking skills	2	9.52%
4	Writing ability	0	0.00%
5	Close reading skills	0	0.00%
6	Research skills	0	0.00%
7	Problem-solving skills	7	33.33%
8	Ability to collaborate with others	2	9.52%
9	Ability to make connections across disciplines	0	0.00%
10	Ability to use information resources and technology	0	0.00%
11	Spiritual development	0	0.00%
12	Personal development	0	0.00%
13	Awareness of social justice issues	0	0.00%

Other, please specify:

Q15. What elements in this course were most valuable to your learning? Please consider specific course activities and/or materials and how they affected your thinking about the course content (e.g., use of readings, class time, lectures, group work, problem sets, films, labs, reflections, etc.)

- class time
- The homework assignments (written and webwork) helped me learn the most
- The homework assignments were helpful because they allowed us to practice what we had been learning and implement it
- Lectures and homeworks/assessments
- The quizzes
- Class time was more valuable because Prof. Fernando really knows what he is doing and learning in class is very helpful. The other work also helped me, but not as much
- I think that the problem sets with written answer keys were most valuable to my learning.
- Limits were the most valuable since they connect to econ which is my major. Other than subject matter, office hours were always really helpful as well as the practice problems at the end of the book/ in class.
- Class time and homework were very useful to my learning in this class. I was always able to ask questions when necessary in class. Also, the homework was very relevant to what was important in class and on the tests, so I was able to practice relevant topics.
- The quizzes did help force me to learn the material on my own, but a quiz every week with only two questions does not show what I know.
- Professor Fernando is funny and makes jokes that keeps you engaged in the class.
- A large number of practice problems posted on canvas allowed me to solidify my knowledge in this class and reassure myself that I was prepared for exams.
- Professor Fernando's office hours were the most valuable to my learning because I could do problems on the chalk board and we would work together to solve them. It was helpful to have 1 on 1 time for instruction.
- The extra problem set worksheets were most valuable because it gave me a good set of problems to work through alone as preparation for exams. They helped me practice and prepare, as well as make me recognize what parts of a unit I still needed help on. If I realized I needed help with something then I would go to office hours.
- I would say group work, office hours and the review sessions before midterms and finals were most valuable to me.
- Homework assignments and practice problems were most valuable in my learning. I really appreciated assignments on WeBwork (although those problems were often more difficult than ones we did on tests or quizzes) and in our textbook with the answers available because we had the opportunity to try the problems as many times as possible to truly figure out the material. Additionally, when we did group work in class and then went over each of the problems, I felt better about the material.
- This class was valuable to my learning due to the various applications of the different types of problems and concepts covered in the course. Class time was very productive and the work given outside of class (although difficult and time-consuming) was beneficial to my deeper understanding of the material.
- I think the written homework, group work, and office hours were most helpful for me.
- the creative problem solvign
- I would say having the textbook online as well as assigning both online and written homework assignments were most valuable to my learning. While yes, doing that much Calculus can be extremely time-consuming and difficult, having this many problems only strengthens your knowledge in preparation for a test or quiz, as there is ample material for you to review and redo until you understand. Since I took Calc 1 online last semester, I found that teaching myself the material by utilizing all of the review I was given was most helpful when studying.
- the problem sheets were helpful, because he gave us many problems to do in our free time to better understand the concept we are working on

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-136-05.Fall.2021: MATH-136-05.Fall.2021

Instructor: Neranga Fernando *

Response Rate: 21/21 (100.00 %)

Q16. What, if anything, would you improve about this course? Please be as specific as possible.

- study guides
- I do not have anything that would improve this course
- I think the course was laid out well and there isn't anything I can think of to change
- It went very fast and at times I was lost on one subject, but couldn't really think about it too much because we moved onto the next subjects so quickly.
- Slower pace, more examples in class, making sure everyone understands not just some students, taking feedback and working with it, changing the types of assignments
- I think I would assign less work just because it is very tedious and difficult. The Webworks especially take hours and they are very difficult problems.
- This class sometimes moved too fast for me to understand what was going on in real time during class and I would have to go through my notes afterwards to get a handle on the material. If possible I think this course could be improved if the class moved at a slower pace.
- Sometimes the class goes really fast and I spend more time writing concepts down than actually understanding what I am learning. On top of that, I really don't like webwork, there have been problems with questions being too advanced for us which he ends up giving everyone full credit for, however, it takes a lot of time and energy to realize this is the case.
- The course moved very quickly and at times it was hard to keep up with the curriculum itself. Professor did a great job of keeping me engaged and was always available outside of class, but the class itself has to move very quickly.
- I would improve the pace of this course. If he slowed down, we would all benefit. I hate the feeling of not having any idea of what I learned while leaving the classroom.
- Typically I love math however this class has been extremely difficult. I didn't really get much out of Professor Fernando's or the TA's office hours so I had to get an off campus tutor to help with the material. There's not a lot of time spent of the things were learning and I think Professor Fernando had an expectation of what we previously learned in calc 1 that we definitely did not get to, at least in my section, so the entire semester I've felt like I've been playing catch up going back and relearning what I didn't understand when it comes up again.
- Sometimes lectures can get very theoretical with not many example problems during lectures, but this is something that has improved over the semester.
- I would improve this course by giving us more time for homework assignments so that we can make sure we have an opportunity to get to office hours if we need help.
- I think the written homework was always more helpful and useful than WebWork for learning content and preparing for exams, so maybe giving written work instead of WebWork.
- I would maybe incorporate more time into the class time for students to do problems on their own or with a group.
- I would have more in class examples. This has significantly improved since the beginning of the course. However, I still would appreciate more opportunities to see the material in action.
- To improve this course, I would like to work in groups more to help get through new kinds of problems and spend a little more time focusing on the beginning units.
- I would add more in class practice in group work. He goes really fast through the material so there is little time to actually grasp and understand the material and examples
- the pace and the focus on series compared to other calculus seems like wasted time
- More group work and opportunities for participation!
- if there is one thing the class could use it's more in-class group work

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-136-05.Fall.2021: MATH-136-05.Fall.2021
Instructor: Neranga Fernando *
Response Rate: 21/21 (100.00 %)

Question		4	3	2	1	Mean	Std	Median
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: a. The instructor explained the material clearly: Neranga Fernando	n	11	6	4	0	3.33	0.80	4.00
	%	52.38%	28.57%	19.05%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: b. The instructor presented the material in an engaging way: Neranga Fernando	n	14	6	1	0	3.62	0.59	4.00
	%	66.67%	28.57%	4.76%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: c. The instructor was accessible outside of class: Neranga Fernando	n	20	1	0	0	3.95	0.22	4.00
	%	95.24%	4.76%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: d. The instructor was helpful in office hours: Neranga Fernando	n	19	0	2	0	3.81	0.60	4.00
	%	90.48%	0.00%	9.52%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: e. The instructor's expectations and standards for grading were clear: Neranga Fernando	n	18	3	0	0	3.86	0.36	4.00
	%	85.71%	14.29%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: f. The instructor provided helpful feedback on assignments: Neranga Fernando	n	11	7	2	1	3.33	0.86	4.00
	%	52.38%	33.33%	9.52%	4.76%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: g. The instructor set high standards for students: Neranga Fernando	n	18	3	0	0	3.86	0.36	4.00
	%	85.71%	14.29%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Question		1	2	3	4	5
Q18. The instructor promoted a positive learning environment in the following ways. (Check all that apply).	n	20	19	19	16	21
	%	95.24%	90.48%	90.48%	76.19%	100.00%

Scale: 1 = Encouraged students to take intellectual risks, 2 = Encouraged everyone's involvement in class, 3 = Showed concern for students, 4 = Was respectful of different points of view/diverse perspectives, 5 = Created a safe atmosphere for learning and sharing of ideas

Other, please share:

• He is one of the nicest professors I have ever had.

Question		4	3	2	1	Mean	Std	Median
Q19. Overall, how would you rate the quality of instruction?: Neranga Fernando	n	11	8	2	0	3.43	0.68	4.00
	%	52.38%	38.10%	9.52%	0.00%			
Q20. Overall, how would you rate this course?	n	9	6	5	1	3.10	0.94	3.00
	%	42.86%	28.57%	23.81%	4.76%			

Scale: 4 = Excellent, 3 = Good, 2 = Average, 1 = Poor

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-136-05.Fall.2021: MATH-136-05.Fall.2021

Instructor: Neranga Fernando *

Response Rate: 21/21 (100.00 %)

Q21. Please share any additional thoughts about the course here.

- challenging class to teach, but he makes it fun. Very helpful outside of class too.
- None
- I really enjoyed this course and would recommend it and Professor Fernando to my friends.
- I think professor Fernando is a very nice man, and a very smart professor, however, sometimes I felt he was confusing and went too fast. However, office hours helped to fix this confusion, but I didn't always have time to go. There was also a lot of homework and assessments which at times felt like too much, and my investment in the class was very high even though math isn't my major and I was only taking it to fulfill my econ major requirements. Overall, I was able to do well in this class mostly because I've taken AP Calc and Calc 1 and was able to draw on that knowledge, but without that, I don't know if I would've performed as well.
- Many people are failing this course because it is very fast paced and the professor continues to add work that is not helpful for checking knowledge on subject matter. Definitely should add more diverse assignments for all types of students and switch up class to make it more engaging, not much opportunity for students to engage in class because it is very fast paced
- I really love Prof. Fernando and I think he is a great teacher. The class and material itself is really hard, so that is not great, but he really understands the material and tries to help us understand it
- Calculus 2 is a challenging course and the professor did a good job of presenting the material in an engaging way.
- I know my friends in other calc 2 classes and even in calc 1 have had issues with professors and understanding the material. My professor is good and I am glad he is so helpful in office hours but I am often really confused in class. I dont think this is a professor problem other than a math department problem since I dont know anyone who has had a really successful professor and course.
- This was a great class that I learned a lot in. Although my grade does not reflect all that I have learned, in my opinion, I feel that I gained a lot out of it. The course itself has a lot of content, which unfortunately left me feeling overwhelmed at times, but through office hours and working with my peers, I was able to work through it.
- He makes sure he knows students names and is always available outside the classroom. However, the class averages on quizzes should not be consistently at a 60% and people should feel exams. I do like him as a person, but sometimes this class makes me believe I will not have a chance of surviving this class.
- I really enjoyed the class material and thought Professor Fernando was very entertaining however I found it extremely difficult to keep up with the information we were learning.
- I have no additional thoughts.
- I loved this course because it challenged me and helped me learn something about myself. On this first day of class, I freaked out thinking it would be too difficult for me. I emailed the class dean, the head of the math department, and my academic advisor explaining how I needed to switch into an easier calc class. I ran into too many scheduling problems and got stuck staying in this class. It turned out that I actually am doing very well in this class and I really enjoy it. This class taught me that I am capable of more than I realized, so I am very proud of myself.
- I think Professor Fernando did a wonderful job teaching course content and I feel like I learned everything that I needed to. I was never confused on the expectations, as he was very clear and organized. I always felt prepared for exams as he provided lots of practice problems (the problem set worksheets) and made himself very available (office hours). Overall, he did a great job and I truly enjoyed his class.
- I really appreciated Professor Fernando's help during office hours.
- Professor Fernando is a wonderful professor.
- Although challenging, this is a great course and I have learned a lot. I will use this knowledge going forward in my economics major and will check back in with this professor again.
- I love Professor Fernando as a person. He is funny and you can tell he genuinely cares for his students. He is so very smart, which is fascinating at times. However, this can sometimes be hard for students, because he sometimes can be confusing when explaining something that is not understood. He goes insanely fast through lectures sometimes which makes it hard to follow and understand. He is very helpful in office hours and will go through many examples with you and help with homework problems, but that can be very time consuming when you have other difficult classes as well. A little more guidance on what will be on quizzes/midterms would be appreciated, as there is so much to know. Overall, he is a very passionate teacher and cares about the work he does
- a pleasure to learn some great puzzles
- Thank you!
- I think the best part about Professor Fernando's class was that he really listens to his students. When in the first few weeks he saw that his teaching style was getting lost on our class, he took our feedback and adapted his style to better fit the learning environment. He knows when to slow down to help students get a better grip on the material while also making sure the syllabus is completed fully. It also helps that he has a light hearted attitude while also cultivating an environment that puts learning first.

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-351-01.2022.Spring: Modern Algebra 1

Instructor: Neranga Fernando *

Response Rate: 10/12 (83.33 %)

Question		1	2	3	4
Q1. Please indicate your class level:	n	0	2	5	3
	%	0.00%	20.00%	50.00%	30.00%

Scale: 1 = First Year, 2 = Second Year, 3 = Third Year, 4 = Fourth Year

Q2. What is your gender?

- female
- Male
- female
- Female
- Female
- Male
- Male
- Female

Question	Q3. What is your major(s)?	n	%
1	Accounting	0	0.00%
2	Anthropology	0	0.00%
3	Art History	0	0.00%
4	Asian Studies	0	0.00%
5	Biology	0	0.00%
6	Chemistry	0	0.00%
7	Classics	0	0.00%
8	Computer Science	0	0.00%
9	Economics	3	30.00%
10	English	0	0.00%
11	Environmental Studies	0	0.00%
12	French	0	0.00%
13	German	0	0.00%
14	History	0	0.00%
15	International Studies	0	0.00%
16	Italian	0	0.00%
17	Mathematics	10	100.00%
18	Music	0	0.00%
19	Philosophy	0	0.00%
20	Physics	0	0.00%
21	Political Science	1	10.00%
22	Psychology	1	10.00%
23	Religious Studies	0	0.00%
24	Russian	0	0.00%
25	Sociology	1	10.00%
26	Spanish	0	0.00%
27	Studies in World Literatures	0	0.00%
28	Studio Art	0	0.00%
29	Theatre	0	0.00%
30	CIS/Student Designed Major	0	0.00%

If you checked "CIS/Student Designed Major" please list the title of your major below.

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-351-01.2022.Spring: Modern Algebra 1

Instructor: Neranga Fernando *

Response Rate: 10/12 (83.33 %)

Question	Q4. What is your minor(s), or concentration(s), if applicable?	n	%
1	Africana Studies	0	0.00%
2	American Sign Language	0	0.00%
3	Anthropology	0	0.00%
4	Art History	0	0.00%
5	Asian Studies	0	0.00%
6	Biochemistry	0	0.00%
7	Chinese	0	0.00%
8	Computer Science	0	0.00%
9	Creative Writing	0	0.00%
10	Dance	1	25.00%
11	Education	1	25.00%
12	Environmental Studies	0	0.00%
13	French	0	0.00%
14	Gender, Sexuality, and Women's Studies	0	0.00%
15	Geosciences	0	0.00%
16	German	1	25.00%
17	Italian	0	0.00%
18	Latin American, Latinx, and Caribbean Studies	0	0.00%
19	Peace and Conflict Studies	0	0.00%
20	Philosophy	0	0.00%
21	Physics	0	0.00%
22	Religious Studies	0	0.00%
23	Russian	0	0.00%
24	Statistics	1	25.00%
25	Studies in World Literatures	0	0.00%
26	Studio Art	0	0.00%
27	CIS/Student Designed Minor	0	0.00%

If you checked "CIS/Student Designed Minor" please list the title of your minor below.

Question		1	2	3	4	5	6	7
Q5. What is your approximate current GPA?	n	2	4	2	0	0	0	0
	%	25.00%	50.00%	25.00%	0.00%	0.00%	0.00%	0.00%

Scale: 1 = 3.7 - 4.0, 2 = 3.3 - 3.69, 3 = 3.0 - 3.29, 4 = 2.7 - 2.99, 5 = 2.3 - 2.69, 6 = 2.0 - 2.29, 7 = <2.0

Question		1	2	3	4	5	6	7	8	9
Q6. Please indicate the reason(s) you are taking this course. (Check all that apply.)	n	10	0	0	0	1	0	0	1	0
	%	100.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00%	10.00%	0.00%

Scale: 1 = Major requirement, 2 = Common area requirement, 3 = Concentration requirement, 4 = Minor requirement, 5 = Instructor, 6 = Interest in the course material, 7 = My advisor recommended it, 8 = Time/day offered, 9 = Friends are taking it

Other, please specify:

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-351-01.2022.Spring: Modern Algebra 1
Instructor: Neranga Fernando *
Response Rate: 10/12 (83.33 %)

Question		5	4	3	2	1	Mean	Std	Median
Q7. Please describe your level of investment in this course. By investment, we mean the time, energy, and commitment you put into this course.	n	8	2	0	0	0	4.80	0.42	5.00
	%	80.00%	20.00%	0.00%	0.00%	0.00%			
<ul style="list-style-type: none"> • I attended all classes and completed all assignments. I put a lot of effort into this class. • This course took everything out of me • It was was primary work load the entire semester. • Complete all assignments and assessments to the best of my ability, attend all classes. • I went to office hours and did homework. • I frequently went to office hours, discussed course material with my peers, and asked questions in class. 									

Scale: 5 = Very High, 4 = High, 3 = Moderate, 2 = Low, 1 = Very Low

Question		4	3	2	1	Mean	Std	Median
Q8. How would you rate your performance for each of the following course requirements?: a. I read or viewed all of the assigned materials	n	10	0	0	0	4.00	0.00	4.00
	%	100.00%	0.00%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: b. I did my best to complete all of my assignments	n	10	0	0	0	4.00	0.00	4.00
	%	100.00%	0.00%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: c. With the exception of excused absences, I attended the class all of the time	n	10	0	0	0	4.00	0.00	4.00
	%	100.00%	0.00%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: d. I actively participated in class (e.g., asked questions, responded to others' questions, etc.)	n	9	1	0	0	3.90	0.32	4.00
	%	90.00%	10.00%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: e. I helped contribute to a positive learning environment in class (e.g., engaged with classmates in or out of class, participated actively in group work, etc.)	n	10	0	0	0	4.00	0.00	4.00
	%	100.00%	0.00%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Question		1	2
Q9. Did you work with your professor outside of class (i.e. visited office hours, made individual appointments, attended review sessions, etc.)	n	9	1
	%	90.00%	10.00%

Scale: 1 = Yes, 2 = No

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-351-01.2022.Spring: Modern Algebra 1
Instructor: Neranga Fernando *
Response Rate: 10/12 (83.33 %)

Q9a. Please list the reason(s) that you did work with your professor outside of class.

- I went to office hours often to ask questions about homework.
- Extra help and review material
- homework
- I went to office hours and my professor helped me with homework problems.
- office hours were very helpful for homework and exams
- Gain clarity about the material, work on homework problems, studying for exams
- The Homework would be easily be less than half completed if we didn't speak in OH. Also, understanding the material works better through lecture, but then also discussing the work so it was crucial to attend OH.
- Homework assignments required that I work with Prof Naranga outside of class. He is a really great professor who makes the time for students even at odd hours. He was a great resource.
- Professor Fernando was very welcoming and he wanted people to stop by his office. He always took time to answer my questions, but then he would provide other ways of solving the problems. You could tell how passionate he is about math, and it made me more excited to go to his office and discuss the problems with him.

Q9b. Please explain why you did not work with your professor outside of class.

- I did not feel the need.

Question		4	3	2	1	Mean	Std	Median
Q10. Please indicate the extent to which you agree or disagree with the following statement.: The course content deepened my understanding of the subject matter (e.g., factual knowledge, understanding of concepts and theories, etc.)	n	8	2	0	0	3.80	0.42	4.00
	%	80.00%	20.00%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Q10a. Please explain explain your response to this statement: "The course content deepened my understanding of the subject matter (e.g., factual knowledge, understanding of concepts and theories, etc.)"

- I am still a little confused about some of the topics, but I am going to work to clarify them before the final.
- understanding of theories
- learned a lot
- The course content deepened my understanding of modern algebra topics like number theory and dihedral groups.
- I think this course was very well structured and helped me grasp the concepts of modern algebra with good examples used.
- I learned about groups, different group theories
- I didn't know any of the material so I could only learn more.
- I have learned a lot but not as much as I thought I might
- The course taught me MA.
- This course helped me to better understand modern algebra and its importance in other math courses and in the world. I really enjoyed this course, and I look forward to seeing how I can apply modern algebra to my other courses in the future.

Question		4	3	2	1	Mean	Std	Median
Q11. Please indicate the extent to which you agree or disagree with the following statement.: The course content deepened my interest in the subject matter	n	4	5	1	0	3.30	0.67	3.00
	%	40.00%	50.00%	10.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-351-01.2022.Spring: Modern Algebra 1
Instructor: Neranga Fernando *
Response Rate: 10/12 (83.33 %)

Q11a. Please explain explain your response to this statement: "The course content deepened my interest in the subject matter"

- I like computational math better than doing proofs.
- math became more interesting
- best proof class i've taken
- The course content is interested by itself and it also triggered my interest in the subject matter.
- I enjoyed this course a lot more than I thought I would and think I really got better at proof writing and found it a lot more interesting by the middle of the semester.
- I am slightly more interested in theoretical math after taking this course
- The course was challenging and I love a challenge, but I'll be okay with not examining group theory for a while.
- I liked learning about the course content less than I thought I would.
- Yes, Professor Naranga presented the material in an interesting and engaging way that encouraged one to find connections beyond the original subject matter. He even tied some of his teaching to the history of how Galois Theory was created. Very cool stuff.
- This course and the way that the material was presented made me interested in the subject matter. The lectures were very interesting and got me excited about studying math.

Question		4	3	2	1	Mean	Std	Median
Q12. Please indicate the extent to which you agree or disagree with the following statement.: The course was well organized	n	7	3	0	0	3.70	0.48	4.00
	%	70.00%	30.00%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Q12a. Please explain explain your response to this statement: "The course was well organized"

- I was clear on what was expected of me, but I was always a little unsure of what to expect on exams.
- Students knew what was expected each week.
- didn't like how some homework's were on tests when they were due two days before
- The course was well organized with in-class lecture and practice problems.
- Class was always well organized, clear assignments and expectations.
- Professor Fernando is very well organized, always knows what he is presenting in class, and has homework due dates organized
- All the exam questions came straight from the notes which was a big help.
- Clear structure and layout
- The course improved, but for the first exam, I thought his expectations where not super clear. He should have had defined what would be on the exam ealier, but overally very well organized.
- The classes were very well organized and easy to follow. The Canvas page could use some help, since all of the information was posted under the Announcements tab. This made it hard to find the information for the course. I think if he used the Module tab instead, it would be much easier to access the course materials on Canvas.

Question		4	3	2	1	Mean	Std	Median
Q13. Please indicate the extent to which you agree or disagree with the following statement.: The course gave me enough opportunities to demonstrate my learning	n	7	1	2	0	3.50	0.85	4.00
	%	70.00%	10.00%	20.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Q13a. Please explain explain your response to this statement: "The course gave me enough opportunities to demonstrate my learning"

- There were plenty of opportunities for assignments, however, I would have liked to have more quizzes.
- perfect amount of assignments. graded fairly
- 2 midterms weighed a lot, need quizzes
- The homework assignments enabled me to demonstrate what I've learn during the class.
- On homeworks and exams
- Tests take up the majority of the grade, which is frustrating since there are so few questions on the exams
- We had assignments almost every week, and even without quizzes, the HW was hard so that was enough.
- Enough assignments and assessments to demonstrate my learning.
- I wish there had been more midterms instead of just two.
- The weekly homeworks were very long, but they covered a lot of material. I was able to demonstrate my learning of the class week prior through the homework assignments and the exams were also written in a way that I could demonstrate what I had learned.

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-351-01.2022.Spring: Modern Algebra 1

Instructor: Neranga Fernando *

Response Rate: 10/12 (83.33 %)

Question	Q14. We are interested in learning how the course helped you develop skills and abilities beyond your understanding and appreciation of the course content. Please check the skill or ability that you believe you most developed as a result of taking this course. (Please note that the options below are not expected to apply to every course). This course most improved my . . .	n	%
1	Critical thinking skills	6	60.00%
2	Oral communication skills	0	0.00%
3	Creative thinking skills	1	10.00%
4	Writing ability	0	0.00%
5	Close reading skills	0	0.00%
6	Research skills	0	0.00%
7	Problem-solving skills	3	30.00%
8	Ability to collaborate with others	0	0.00%
9	Ability to make connections across disciplines	0	0.00%
10	Ability to use information resources and technology	0	0.00%
11	Spiritual development	0	0.00%
12	Personal development	0	0.00%
13	Awareness of social justice issues	0	0.00%

Other, please specify:

Question	Q14a. We are interested in learning how the course helped you develop skills and abilities beyond your understanding and appreciation of the course content. Please check the skill or ability that you believe you next most developed as a result of taking this course. (Please note that the options below are not expected to apply to every course). This course most improved my . . .	n	%
1	Critical thinking skills	2	20.00%
2	Oral communication skills	0	0.00%
3	Creative thinking skills	0	0.00%
4	Writing ability	0	0.00%
5	Close reading skills	0	0.00%
6	Research skills	0	0.00%
7	Problem-solving skills	8	80.00%
8	Ability to collaborate with others	0	0.00%
9	Ability to make connections across disciplines	0	0.00%
10	Ability to use information resources and technology	0	0.00%
11	Spiritual development	0	0.00%
12	Personal development	0	0.00%
13	Awareness of social justice issues	0	0.00%

Other, please specify:

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-351-01.2022.Spring: Modern Algebra 1

Instructor: Neranga Fernando *

Response Rate: 10/12 (83.33 %)

Q15. What elements in this course were most valuable to your learning? Please consider specific course activities and/or materials and how they affected your thinking about the course content (e.g., use of readings, class time, lectures, group work, problem sets, films, labs, reflections, etc.)

- The homeworks and office hours were most valuable to my learning.
- office hours
- class time and office hours
- The most valuable element in this course is the lectures. I really enjoyed the lectures given by prof. Fernando.
- Office hours for really grasping HW questions and definitely class time
- Homework problems
- Office Hours was where I thrived. The lectures were fine and well, but I never understood much till I talk about it in OH.
- Lectures
- Lecture was the most important to my learning along with Problem Sets and Exams. The book was basically useless because it was not used.
- I think that the homeworks and in class examples were most valuable to my learning. The homeworks covered all of the information from the previous week, so I was able to better understand what we were expected to know. The in class examples helped me a lot, since I was able to ask questions and he would clarify any confusion. I also really liked when we did group work on the board in small groups. We only did this a couple times, but I think that this was very helpful, especially before exams.

Q16. What, if anything, would you improve about this course? Please be as specific as possible.

- I would have liked to have more quizzes.
- nothing
- more assignments towards grade- like quizzes
- na
- The course was really really high speed to cover a lot of material which made it a little hard to follow at points so slowing it down a little bit
- More opportunities to gain credit back on exams, maybe add take-home quizzes or a proof portfolio?
- I just wish we always had the list of proofs so when another one was introduced we could recognize and start to memorize
- Easier homework difficulty.
- I would have the homework be graded for overall completion. Professor Ballantine has a good system where if one get over a 80% on the homework your homework is given full marks. Overall, I found homework slightly annoying in that it should be a learning opportunity to make mistakes and then correct them.
- I would change the exams, so they aren't so focused on the memorization of theorems. I don't think that being able to memorize a theorem should determine your grade. I think that it would be better to solve applied examples using the theorems, rather than being asked to simply regurgitate a theorem proved in class.

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-351-01.2022.Spring: Modern Algebra 1

Instructor: Neranga Fernando *

Response Rate: 10/12 (83.33 %)

Question		4	3	2	1	Mean	Std	Median
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: a. The instructor explained the material clearly: Neranga Fernando	n	10	0	0	0	4.00	0.00	4.00
	%	100.00%	0.00%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: b. The instructor presented the material in an engaging way: Neranga Fernando	n	9	1	0	0	3.90	0.32	4.00
	%	90.00%	10.00%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: c. The instructor was accessible outside of class: Neranga Fernando	n	10	0	0	0	4.00	0.00	4.00
	%	100.00%	0.00%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: d. The instructor was helpful in office hours: Neranga Fernando	n	10	0	0	0	4.00	0.00	4.00
	%	100.00%	0.00%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: e. The instructor's expectations and standards for grading were clear: Neranga Fernando	n	9	1	0	0	3.90	0.32	4.00
	%	90.00%	10.00%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: f. The instructor provided helpful feedback on assignments: Neranga Fernando	n	9	0	1	0	3.80	0.63	4.00
	%	90.00%	0.00%	10.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: g. The instructor set high standards for students: Neranga Fernando	n	10	0	0	0	4.00	0.00	4.00
	%	100.00%	0.00%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Question		1	2	3	4	5
Q18. The instructor promoted a positive learning environment in the following ways. (Check all that apply).	n	9	10	9	10	10
	%	90.00%	100.00%	90.00%	100.00%	100.00%

Scale: 1 = Encouraged students to take intellectual risks, 2 = Encouraged everyone's involvement in class, 3 = Showed concern for students, 4 = Was respectful of different points of view/diverse perspectives, 5 = Created a safe atmosphere for learning and sharing of ideas

Other, please share:

- Professor Fernando should be given a full time position at the school. By far the best professor in the dept.

Question		4	3	2	1	Mean	Std	Median
Q19. Overall, how would you rate the quality of instruction?: Neranga Fernando	n	8	2	0	0	3.80	0.42	4.00
	%	80.00%	20.00%	0.00%	0.00%			
Q20. Overall, how would you rate this course?	n	5	4	1	0	3.40	0.70	3.50
	%	50.00%	40.00%	10.00%	0.00%			

Scale: 4 = Excellent, 3 = Good, 2 = Average, 1 = Poor

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-351-01.2022.Spring: Modern Algebra 1

Instructor: Neranga Fernando *

Response Rate: 10/12 (83.33 %)

Q21. Please share any additional thoughts about the course here.

- Professor Fernando was available often when I needed help and is very nice.
- n/a
- Wasn't my favorite course material wise, but prof fernando is a great professor and very knowledgeable.
- na
- Professor Fernando was one of the best math professors I have had at HC. He is the most accessible professor i've ever had and really wants his students to succeed. You can really tell how knowledgeable he is and he encourages us to solve the problems with him rather than him giving us the answers.
- Professor Fernando is wonderful, but he is very difficult. This is by far the hardest class I've ever taken. It makes the class less enjoyable since it's so stressful. But he is very helpful in office hours, and has very high expectations from students
- Like I said, aside from the proof list quarrel, I loved everything about this class. Professor Fernando, although the material as well as his exams are quite tough, is easily my favorite college professor. He cares so much for us as students and is so selfless. I definitely hope to take at least one more class with him before I graduate.
- Good course, good professor, difficult class in general. Maybe introduce a portfolio project and large quizzes like most other upper-level math classes do rather than exams.
- Students overall probably do not get the opportunity to pick professors, however, in this case, Prof Naranga should be given a full time position at the college. His clarity of instructions and care for the students was a real highlight of this course. I just hope that he can stay at the college.
- I think that Professor Fernando is a great professor, and it is so apparent that he loves math. He shares his interest in math with all of his students, and it makes me excited and motivated to keep studying math. Overall, a very nice guy and a really great course.

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-136-04.Fall.2021: MATH-136-04.Fall.2021

Instructor: Neranga Fernando *

Response Rate: 20/20 (100.00 %)

Question		1	2	3	4
Q1. Please indicate your class level:	n	7	8	3	1
	%	36.84%	42.11%	15.79%	5.26%

Scale: 1 = First Year, 2 = Second Year, 3 = Third Year, 4 = Fourth Year

Q2. What is your gender?
• female
• Male
• Female
• Male
• Female
• Female
• Female
• male
• Male
• Female
• Male
• Male
• Male
• Male
• female
• male
• Male
• Male
• female

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-136-04.Fall.2021: MATH-136-04.Fall.2021

Instructor: Neranga Fernando *

Response Rate: 20/20 (100.00 %)

Question	Q3. What is your major(s)?	n	%
1	Accounting	1	5.56%
2	Anthropology	0	0.00%
3	Art History	0	0.00%
4	Asian Studies	0	0.00%
5	Biology	0	0.00%
6	Chemistry	2	11.11%
7	Classics	0	0.00%
8	Computer Science	3	16.67%
9	Economics	12	66.67%
10	English	0	0.00%
11	Environmental Studies	0	0.00%
12	French	0	0.00%
13	German	0	0.00%
14	History	0	0.00%
15	International Studies	0	0.00%
16	Italian	0	0.00%
17	Mathematics	1	5.56%
18	Music	1	5.56%
19	Philosophy	0	0.00%
20	Physics	0	0.00%
21	Political Science	1	5.56%
22	Psychology	0	0.00%
23	Religious Studies	0	0.00%
24	Russian	0	0.00%
25	Sociology	0	0.00%
26	Spanish	0	0.00%
27	Studies in World Literatures	0	0.00%
28	Studio Art	0	0.00%
29	Theatre	0	0.00%
30	CIS/Student Designed Major	0	0.00%

If you checked "CIS/Student Designed Major" please list the title of your major below.

• N/A

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-136-04.Fall.2021: MATH-136-04.Fall.2021
Instructor: Neranga Fernando *
Response Rate: 20/20 (100.00 %)

Question	Q4. What is your minor(s), or concentration(s), if applicable?	n	%
1	Africana Studies	0	0.00%
2	American Sign Language	0	0.00%
3	Anthropology	0	0.00%
4	Art History	0	0.00%
5	Asian Studies	0	0.00%
6	Biochemistry	0	0.00%
7	Chinese	0	0.00%
8	Computer Science	0	0.00%
9	Creative Writing	2	33.33%
10	Dance	0	0.00%
11	Education	0	0.00%
12	Environmental Studies	2	33.33%
13	French	1	16.67%
14	Gender, Sexuality, and Women's Studies	0	0.00%
15	Geosciences	0	0.00%
16	German	0	0.00%
17	Italian	0	0.00%
18	Latin American, Latinx, and Caribbean Studies	0	0.00%
19	Peace and Conflict Studies	0	0.00%
20	Philosophy	0	0.00%
21	Physics	0	0.00%
22	Religious Studies	1	16.67%
23	Russian	0	0.00%
24	Statistics	1	16.67%
25	Studies in World Literatures	0	0.00%
26	Studio Art	0	0.00%
27	CIS/Student Designed Minor	0	0.00%

If you checked "CIS/Student Designed Minor" please list the title of your minor below.

• N/A

Question		1	2	3	4	5	6	7
Q5. What is your approximate current GPA?	n	5	10	2	1	1	0	0
	%	26.32%	52.63%	10.53%	5.26%	5.26%	0.00%	0.00%

Scale: 1 = 3.7 - 4.0, 2 = 3.3 - 3.69, 3 = 3.0 - 3.29, 4 = 2.7 - 2.99, 5 = 2.3 - 2.69, 6 = 2.0 - 2.29, 7 = <2.0

Question		1	2	3	4	5	6	7	8	9
Q6. Please indicate the reason(s) you are taking this course. (Check all that apply.)	n	17	4	1	1	0	3	1	2	0
	%	85.00%	20.00%	5.00%	5.00%	0.00%	15.00%	5.00%	10.00%	0.00%

Scale: 1 = Major requirement, 2 = Common area requirement, 3 = Concentration requirement, 4 = Minor requirement, 5 = Instructor, 6 = Interest in the course material, 7 = My advisor recommended it, 8 = Time/day offered, 9 = Friends are taking it

Other, please specify:

• N/A

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-136-04.Fall.2021: MATH-136-04.Fall.2021
Instructor: Neranga Fernando *
Response Rate: 20/20 (100.00 %)

Question		5	4	3	2	1	Mean	Std	Median
Q7. Please describe your level of investment in this course. By investment, we mean the time, energy, and commitment you put into this course.	n	9	8	3	0	0	4.30	0.73	4.00
	%	45.00%	40.00%	15.00%	0.00%	0.00%			
<ul style="list-style-type: none"> • Class, Practice problems, studying for quizzes/midterms • I complete all required work and study/review material, but do not do all practice problems or all reviews. • I dedicate a lot of time and energy into this course • I had to study for hours every night before quizzes and spent a lot of time doing the homeworks. • I spend many, many hours prepping for exams and quizzes, and I spend a good deal of time in the Professor's office hours. • I spend a lot of time going through my notes, studying, and completing assignments for this course. • I have personally dedicated many hours per week to this course, the class is very demanding and hard. • This course is important in the development of my major so my investment in this course is high. • I put a lot of work into this class. I would say eight hours of my time a week go towards this class. • I complete all the homework, go to some of the office hours, and study for any quizzes or exams. • I put a lot of time and energy into this course. I attend office hours everyday they are available for the full length and do homework or practice problems every day. • I probably spend the majority of my time doing homework on this class. That includes studying, doing practice problems, and doing homework. • I work a lot in this course. I attend class every single day and participate almost every class. I go to extra credit almost three times a week. • I have spent hours studying, doing problems, going to STEM + E and going to office hours 									

Scale: 5 = Very High, 4 = High, 3 = Moderate, 2 = Low, 1 = Very Low

Question		4	3	2	1	Mean	Std	Median
Q8. How would you rate your performance for each of the following course requirements?: a. I read or viewed all of the assigned materials	n	14	6	0	0	3.70	0.47	4.00
	%	70.00%	30.00%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: b. I did my best to complete all of my assignments	n	18	2	0	0	3.90	0.31	4.00
	%	90.00%	10.00%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: c. With the exception of excused absences, I attended the class all of the time	n	15	4	1	0	3.70	0.57	4.00
	%	75.00%	20.00%	5.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: d. I actively participated in class (e.g., asked questions, responded to others' questions, etc.)	n	8	11	1	0	3.35	0.59	3.00
	%	40.00%	55.00%	5.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: e. I helped contribute to a positive learning environment in class (e.g., engaged with classmates in or out of class, participated actively in group work, etc.)	n	13	7	0	0	3.65	0.49	4.00
	%	65.00%	35.00%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Question		1	2
Q9. Did you work with your professor outside of class (i.e. visited office hours, made individual appointments, attended review sessions, etc.)	n	18	2
	%	90.00%	10.00%

Scale: 1 = Yes, 2 = No

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-136-04.Fall.2021: MATH-136-04.Fall.2021

Instructor: Neranga Fernando *

Response Rate: 20/20 (100.00 %)

Q9a. Please list the reason(s) that you did work with your professor outside of class.

- Making up a quiz
- I needed help
- I worked thru homework or confusing concepts while in office hours.
- Review concepts I didnt understand.
- to help better understand the material
- I needed help with some material.
- learning material that I missed and making up quizzes
- To review quizzes, prepare for assessments.
- I did work with my professor to go over some challenging homework problems or to get some extra help before and upcoming test
- Extra help on the materials, and assistance with specific problems.
- Material within class was unclear and to go over quizzes or exams.
- He was very helpful with clearing up any misunderstandings I had. He was also generous with his office hour designations.
- For the most part, I go meet the professor outside of class for clarification on any of the assignments.
- I wanted to understand the material better and get a head in the class. He moves very fast in class so I would attend office hours for a breakdown.
- I would go into office hours to either get extra help or just to do practice problems
- I couldn't complete homework problems or did poorly on a quiz.
- I went to office hours very frequently to go over any class work or problem sheets.
- going over problems, clarification questions, and reviewing quizzes and homework

Q9b. Please explain why you did not work with your professor outside of class.

- didnt feel i needed help
- Never had the need to personally

Question		4	3	2	1	Mean	Std	Median
Q10. Please indicate the extent to which you agree or disagree with the following statement.: The course content deepened my understanding of the subject matter (e.g., factual knowledge, understanding of concepts and theories, etc.)	n	12	6	2	0	3.50	0.69	4.00
	%	60.00%	30.00%	10.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-136-04.Fall.2021: MATH-136-04.Fall.2021
Instructor: Neranga Fernando *
Response Rate: 20/20 (100.00 %)

Q10a. Please explain explain your response to this statement: "The course content deepened my understanding of the subject matter (e.g., factual knowledge, understanding of concepts and theories, etc.)"

- I have definitely improved in my knowledge of calc 2 principles
- It helped with economics applications
- It wasn't easy to understand
- Strengthened my confidence and understanding of the subject, able to do more complicated problems
- I have taken Calc before in high school, but I have never felt this strong in my calc abilities. The course is challenging which makes me work harder and I have performed better because of it.
- I learn more and more every day that Ive never been exposed to calculus wise.
- Professor Fernando really helped guide my understanding
- I learned about integrals.
- factual knowledge and learning new concepts
- I understand Calculus more, but I don't feel like I would be ready for the next level, if I were to take that class.
- The lectures are very informative and are also very helpful in completing assignments and other tasks.
- The course dives deep into the calculus 2 curriculum and has expanded my knowledge of the topic.
- The course content was hard to understand which played a role in how it may or may not have played a role in deepening my understanding.
- I had taken AP calculus BC before, but four years prior. I was able to sharpen my calc skills again.
- A lot of the materials that is basically Calculus 1 was stuff I knew, but needed a refresher on. However, the course did expand much of what I already understood about Calculus.
- It deepened my knowledge of the subject matter because of all the time and energy I had to put into understanding the material outside of class.
- I feel like I've learned the reasoning behind why certain concepts, proofs, and theorems are true, which really helps me understand them better.
- I believe that this course taught me a lot about calculus, but I believe I could have learned more due to the fact that I had to spend a lot of time just figuring out the basics.
- I didn't know a single thing about calculus 2 until coming into the course. I took calculus 1 beforehand and learned a lot.
- I feel as though even though I am learning it has been very hard for me to grasp the content

Question		4	3	2	1	Mean	Std	Median
Q11. Please indicate the extent to which you agree or disagree with the following statement.: The course content deepened my interest in the subject matter	n	3	9	6	2	2.65	0.88	3.00
	%	15.00%	45.00%	30.00%	10.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Q11a. Please explain explain your response to this statement: "The course content deepened my interest in the subject matter"

- I really enjoyed this class and will take more calc in the future because of it
- I thought a lot of the subjects could be applied to different disciplines
- I realized that mathematics is not for me
- Always enjoyed math, but decided not to continue math after the course
- I now like Calc and math much more than I used to although I still feel it is not something I will continue to pursue.
- I do not have a strong interest in Calculus.
- I am now more interested in Math after taking this course
- I wasn't really ever interested in math and integration and in order to succeed in the class, I had to find everything somewhat interesting.
- calculus just does not interest me a lot
- It was really hard, and It's not like I was considering a Math major in the first place, but this would definitely dissuade me from taking more math courses.
- I was already hoping to continue taking math throughout my next several semesters, but this class made me definitely more interested in doing so
- This course has deepened my interest significantly. Coming into the course I was not very excited about taking calculus again, but after getting to know my professor and the material I have embraced the subject matter and have found an interest in it.
- I took this course to fulfill a requirement for major.
- This course deepened my already deep interest in the subject matter by helping me to see more clearly the real-world applications of calculus.
- I always had a interest in math and calculus. Not everything about the course content is interesting, but it does reinforce my overall enjoyment of the subject matter.
- This course was super challenging and I only took it because it is a requirement for my major.
- I feel as though I'm definitely interested in the subject matter, but this is the most advanced level I want to take.
- I would say I am interested in learning more calculus but maybe with a different concentration.
- I loved math all my life however when entering this course I found to be very stressful. I never felt a sense of happiness in terms of my grades and in terms of my understanding with the material.
- honestly this class Made me hate math overall

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-136-04.Fall.2021: MATH-136-04.Fall.2021

Instructor: Neranga Fernando *

Response Rate: 20/20 (100.00 %)

Question		4	3	2	1	Mean	Std	Median
Q12. Please indicate the extent to which you agree or disagree with the following statement.: The course was well organized	n	12	6	2	0	3.50	0.69	4.00
	%	60.00%	30.00%	10.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Q12a. Please explain explain your response to this statement: "The course was well organized"

- Canvas page and syllabus were well structured and organized
- It was clear when assignments and tests were
- We moved along the book's structure in an organized manner
- Followed the syllabus and nothing came as a surprise
- Quizzes each week kept me on top of the material and up to date. There were many homework assignments that helped when studying for exams and gave opportunities to help our grades.
- All lectures are sequential, all material and announcements on canvas are relatively easy to navigate. Professor is always easily reachable if I am confused.
- Each unit we did corresponded to the textbook
- The syllabus was very organized and my professor followed it well. He had a plan of what he was going to cover in each class and what would be assigned for the week.
- for the most part, expectation and assignments were made clear
- The professor was pretty clear about when/what was due, we knew what sections assessments were on, etc.
- I think that the course itself was well organized content wise, but sometimes I found some online resources to be just a little bit confused due to not being as organized/
- This course is very well organized, however it would be nice to have set dates for quizzes and homework in the start of the semester to know what is coming, instead of learning about the quizzes and homework on a rolling basis.
- Everything was properly laid out on canvas and emails were sent out as a reminder about when things are due.
- We had ample time before each quiz and exam to prepare and the homework assignments were evenly spaced out.
- There wasn't any confusion about what the course would be like. I understood how the assignment and quizzes would be organized. Everything was like it was stated on the syllabus.
- It is well organized just moves very fast though material.
- The course is easily broken up into sections, and we know what to study when we have a quiz/exam on certain sections (e.g. Quiz on sections 2.2, 2.3, and 2.4). However, half the time the quizzes don't correlate with the notes and it causes everyone to do poorly.
- The course had a solid outline and each assignment and its due date was clear
- I believe that the course was not organized to my liking. I felt that this course seemed to be a fast car always moving. There was never an opportunity for me and my fellow classmates to slow down and review the material every week. We would learn a new topic every day and would always be confused in class because the class would always seemed rushed.
- I felt like it was too fast paced, and our average grade wasn't displayed so it has always made me worried about how i am doing

Question		4	3	2	1	Mean	Std	Median
Q13. Please indicate the extent to which you agree or disagree with the following statement.: The course gave me enough opportunities to demonstrate my learning	n	10	7	2	1	3.30	0.86	3.50
	%	50.00%	35.00%	10.00%	5.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-136-04.Fall.2021: MATH-136-04.Fall.2021
Instructor: Neranga Fernando *
Response Rate: 20/20 (100.00 %)

Q13a. Please explain explain your response to this statement: "The course gave me enough opportunities to demonstrate my learning"

- There were plenty of assignments, quizzes, and tests
- Through exams and weekly quizzes
- The course was mostly lecture based
- Quizzes, homework, and midterms
- With so many homework assignments, quizzes each week and three big exams I had many opportunities to demonstrate my learning.
- Plenty of checks of understanding with quizzes and hws.
- Professor Fernando always offers opportunities for us to ask questions or to help answer questions
- We had either a quiz or written homework assignment due every Friday, along with two midterm exams.
- quizzes and tests were fair
- I feel like we were granted opportunities, but quizzes that were "really" hard were our main outlet to show what we learned, and sometimes, regardless of what we learned, the quizzes would be overwhelmingly hard.
- We are given a lot of opportunities to demonstrate our learning through quizzes, midterms, and homework assignments.
- Yes, This course has many quizzes and homework's where you can demonstrate your knowledge of the material.
- The course had quizzes and homework, but not many opportunities to learn from previous mistakes.
- The frequent quizzes allowed me to be able to see in which areas I needed to improve.
- The course can move very quickly due to the amount of materials needed to be cover, but the professor does attempt to ask for answers from the students when it is possible.
- I feel like I was always playing catch up learning the material.
- We have some sort of an assignment pretty much every week, which gives me enough opportunities to demonstrate my learning.
- Most of the assignments did a good job reflecting my learning but some of the quizzes did not. Either because of the time constraint or phrasing of the problem I feel as if the grade didn't reflect my understanding of the topic.
- I did enjoy the fact that there were various quizzes, grades homework's and midterms that could prove I knew the material. However, I wished that there was an opportunity for us to gain points with projects. I wished we went into smaller groups a lot more.
- I have put countless hours into this class and have tried my hardest yet my quizzes and exams do not display that and they are weighed so high. I feel as though my effort into this class and my participation should be accounted into my grade as they are other ways of my learning is demonstrated

Question	Q14. We are interested in learning how the course helped you develop skills and abilities beyond your understanding and appreciation of the course content. Please check the skill or ability that you believe you most developed as a result of taking this course.(Please note that the options below are not expected to apply to every course).This course most improved my . . .	n	%
1	Critical thinking skills	3	15.00%
2	Oral communication skills	0	0.00%
3	Creative thinking skills	0	0.00%
4	Writing ability	0	0.00%
5	Close reading skills	0	0.00%
6	Research skills	0	0.00%
7	Problem-solving skills	16	80.00%
8	Ability to collaborate with others	1	5.00%
9	Ability to make connections across disciplines	0	0.00%
10	Ability to use information resources and technology	0	0.00%
11	Spiritual development	0	0.00%
12	Personal development	0	0.00%
13	Awareness of social justice issues	0	0.00%

Other, please specify:

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-136-04.Fall.2021: MATH-136-04.Fall.2021
Instructor: Neranga Fernando *
Response Rate: 20/20 (100.00 %)

Question	Q14a. We are interested in learning how the course helped you develop skills and abilities beyond your understanding and appreciation of the course content. Please check the skill or ability that you believe you next most developed as a result of taking this course. (Please note that the options below are not expected to apply to every course). This course most improved my . . .	n	%
1	Critical thinking skills	11	55.00%
2	Oral communication skills	0	0.00%
3	Creative thinking skills	2	10.00%
4	Writing ability	0	0.00%
5	Close reading skills	0	0.00%
6	Research skills	0	0.00%
7	Problem-solving skills	5	25.00%
8	Ability to collaborate with others	0	0.00%
9	Ability to make connections across disciplines	0	0.00%
10	Ability to use information resources and technology	1	5.00%
11	Spiritual development	0	0.00%
12	Personal development	1	5.00%
13	Awareness of social justice issues	0	0.00%

Other, please specify:

Q15. What elements in this course were most valuable to your learning? Please consider specific course activities and/or materials and how they affected your thinking about the course content (e.g., use of readings, class time, lectures, group work, problem sets, films, labs, reflections, etc.)

- I really enjoyed working on problems as a group
- Integration was the most valuable because it has economics applications and is a useful skill to many subjects.
- Problem sets
- Textbook, homework problems
- Office hours were most valuable to my learning. In class Professor switched to more of an example based teaching where I was able to learn much more than theoretical based teaching. The examples and discussions in class combined with attending office hours helped me succeed in this class.
- All of the practice problems in class, to do at home, the homework assignments, help me further my understanding.
- group work as it enhanced my understanding
- I think the problems he assigned for each section were the most helpful. He had a list of problems that were optional and did not need to be turned in, but I did them in order to feel more prepared for quizzes/exams and understand the material better.
- problem sets and work
- I think the group work section on Thursday's before quizzes was helpful, but for some reason the Professor did away with this.
- The lectures, group work, and problem sets were most valuable to my learning. I liked being able to participate in group work when we learned new topics because it was kind of easier in learning more effectively.
- The most valuable elements of this course to my learning were the examples in class. In the start of the semester we focused on a lot of theory and it was very hard for m to understand and follow the topics. However, when our professor incorporated more examples into class I was able to better understand the material.
- Homework was the most valuable because it gave an opportunity to go over several examples to help the student understand each topic more.
- The frequent class time allowed for a lot of examples to be gone over as a class. I would say any time the professor worked with us as a whole on a difficult (or time-consuming) problem, I learned in the best way.
- The lectures was great at establishing the fundamentals of the course. I never really felt the need to read the textbook, though it can be helpful to do so. The homework assignments were good exercises for testing our understanding and application of the course materials.
- The group work and the review sheets
- Group work
- Class lectures, textbook problems, office hours, and group work.
- I learned a lot about learning fast paced. I did learn that preparation is key to being successful in a math class. Reviewing is an essential thing before each class so then you could understand the next section. In addition, in order to prepare for this
- group work

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-136-04.Fall.2021: MATH-136-04.Fall.2021

Instructor: Neranga Fernando *

Response Rate: 20/20 (100.00 %)

Q16. What, if anything, would you improve about this course? Please be as specific as possible.

- I think webwork is not an incredibly useful homework program
- I would make more homework assignments because at times I felt I needed to practice more
- I would give more examples during class and give attention to student participation. the professor mostly solved problems on the board and it felt exactly the same as reading the textbook. There wasn't more to the course.
- Improve lectures, more engaging and make subjects easy to under(to the best of the ability)
- There is nothing I would really change about this class, Professor switched from a theoretical approach in class time to example based which made a major difference.
- I think if the professor required more class participation (more review problems, interactive example problems) maybe some who are doing a bit poorly would benefit.
- n/a
- Something would improve would be to review more before quizzes and exams. A lot of times, I felt very stressed and underprepared for them, and we did review a little before some of them, but I feel I needed more. Some days, we would be starting new material when I just wanted to review.
- explaining concepts using numbers and less theorem
- I would add a curve. Multiple of our quizzes had an average of a sub-60%. That is not okay.
- To improve this course, I would maybe have the opportunity to give homework feedback before we take our quizzes, because without seeing how I performed on the homework, it is hard to know what I need to fix or work on before I take the assessment.
- I would add more examples to the class periods. I would also like the course to go a little slower to allow the students to thoroughly understand the topic. Overall, I think this was a great course.
- I would allow students the opportunity to learn from mistakes on quizzes and homework so that they are better off on the exams.
- I would establish group work earlier so that it could become a small - but important - part of each lecture.
- There is not anything that comes to mind in terms of improving the course for me.
- I think this class moved at an unmanageable pace. You learned a chapter every day and then wouldn't see it again until the midterm. I think there should be more practice problems gone over in the begging because I felt like we were kind thrown to the wolves.
- It starts to feel monotonous after awhile. Every class is packed with notes, and it feels like we need to slow down or do something else to keep the class engaged.
- It would change the way quizzes work. At the end of the semester I feel as if they got better and reflected the material well but they were the hardest part in the beginning.
- I would love to improve on the teaching staff for Calculus 2 in general. I believe that it is quite unfair to have a teacher who has never taught at holy cross to be a teacher in one of the most crucial classes for an economics major. He set the standards way too high for students and never let us grasp the material. I was confused every single class and never felt a sense of calmness. He is a very nice man, however, his teaching skills were not well.
- this class needs to be adjusted somehow. It destroyed my self-image as I doubted myself in everything I did because I was putting in so much effort and time and it was being displayed through assessments. it made me question my own abilities for a while until i realized i was not the only one in the class who felt like that. quizzes and exams were very hard.

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-136-04.Fall.2021: MATH-136-04.Fall.2021
Instructor: Neranga Fernando *
Response Rate: 20/20 (100.00 %)

Question		4	3	2	1	Mean	Std	Median
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: a. The instructor explained the material clearly: Neranga Fernando	n	7	10	3	0	3.20	0.70	3.00
	%	35.00%	50.00%	15.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: b. The instructor presented the material in an engaging way: Neranga Fernando	n	7	10	1	2	3.10	0.91	3.00
	%	35.00%	50.00%	5.00%	10.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: c. The instructor was accessible outside of class: Neranga Fernando	n	20	0	0	0	4.00	0.00	4.00
	%	100.00%	0.00%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: d. The instructor was helpful in office hours: Neranga Fernando	n	16	4	0	0	3.80	0.41	4.00
	%	80.00%	20.00%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: e. The instructor's expectations and standards for grading were clear: Neranga Fernando	n	13	4	2	1	3.45	0.89	4.00
	%	65.00%	20.00%	10.00%	5.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: f. The instructor provided helpful feedback on assignments: Neranga Fernando	n	7	9	3	1	3.10	0.85	3.00
	%	35.00%	45.00%	15.00%	5.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: g. The instructor set high standards for students: Neranga Fernando	n	20	0	0	0	4.00	0.00	4.00
	%	100.00%	0.00%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Question		1	2	3	4	5
Q18. The instructor promoted a positive learning environment in the following ways. (Check all that apply).	n	10	13	15	11	11
	%	50.00%	65.00%	75.00%	55.00%	55.00%

Scale: 1 = Encouraged students to take intellectual risks, 2 = Encouraged everyone's involvement in class, 3 = Showed concern for students, 4 = Was respectful of different points of view/diverse perspectives, 5 = Created a safe atmosphere for learning and sharing of ideas

Other, please share:

Question		4	3	2	1	Mean	Std	Median
Q19. Overall, how would you rate the quality of instruction?: Neranga Fernando	n	7	8	3	2	3.00	0.97	3.00
	%	35.00%	40.00%	15.00%	10.00%			
Q20. Overall, how would you rate this course?	n	6	6	5	3	2.75	1.07	3.00
	%	30.00%	30.00%	25.00%	15.00%			

Scale: 4 = Excellent, 3 = Good, 2 = Average, 1 = Poor

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-136-04.Fall.2021: MATH-136-04.Fall.2021

Instructor: Neranga Fernando *

Response Rate: 20/20 (100.00 %)

Q21. Please share any additional thoughts about the course here.

- n/a
- I thought it was a challenging but great course. The instructor did a phenomenal job teaching the content and helping students succeed.
- -
- None
- I really enjoyed this course. I thought it would be my most challenging class and I would struggle. But, the high standards set and the help in office hours led to me to succeed and really enjoy the class.
- Professor Fernando is a down to earth, kind, funny, and smart professor. He knows his material and genuinely wants everyone to do well. He creates a good class environment and explains orblems well. The only complaint would be that sometimes material we never review is on quizzes and exams, but that is a bit on the students part because we could be reviewing our textbooks more closely. That being said, its understandable that everyone cannot spend tons of time on just this class.
- As the semester progressed Professor Fernando did a good job of adjusting his teaching style to meet the needs of students which in the end allowed for everyone to gain a much better understanding of the material
- It was a very hard course, and I feel that I spent almost all of my time focusing on this class when I still had 3 others to worry about. I studied for hours every day in order to prepare myself, and sometimes, I still didn't do well on the quizzes and tests.
- none
- I think Professor Fernando is an incredibly smart person. he is able to challenge us students and show us things we otherwise wouldn't understand. However, I do think he is slightly detached from reality. Early in the semester, there is a quiz that nearly our entire class bombed, and despite us telling him the quiz was difficult, he told us that our poor grades were a result of a lack of effort. I got a 45% on that quiz, and I studied for HOURS leading up to that quiz. I found it to be rather insensitive for him to allege a lack of care, when in reality the poor grades can be attributed to him asking questions we weren't prepared. He has been better recently, offering Extra Credit on assessments, but that doesn't change the fact that his grading and assessments are not on par with what we learn/review in class.
- I like the curriculum for this course and how it is structured.
- This is a very hard course, however with the use of more examples in class I was able to understand the material much better. This course is very demanding and requires a lot of work outside of the class room, but going to office hours and meeting with the professor, I found to be very beneficial.
- N/A
- Great class
- None.
- calc 2 is a very hard course I know that, but it seems like it was unnecessarily hard. we are required to take it for an Econ major, unlike a bunch of other schools, but it seems like we have been playing catch up every since the first day.
- Interesting course, but the class gets very boring after so much of it.
- Overall the course presented by the material was very difficult, but I feel as if my professor did a good job teaching it.
- I believe that Calculus 2 is a very difficult course that should help students who are in the STEM majors. However, I feel that this class in particular hurts students GPA's in a negative way. This class is very rushed as we are learning new material every day of the week. There is no review sessions ever. In addition, I feel that teachers need to meet in order to discuss how they teach thier classes because every Calculus 2 professor approaches Calculus 2 very differently. Professor Fernando is very funny and kind, yet his class is too difficult. I believe that we need to have an experienced Holy Cross professor teaching this course instead of a person who just came here.
- I feel as though Prof. Fernando went too fast in class, he made me doubt myself and lose my hopes of doing well. He was not paying attention to all the time and effort I spent trying to do well. he said to me that I need to "study harder" and "put more effort" into the class and that I need to prioritize his class more when I went to him for advice on how to do better in his class. I have had numerous mental breakdowns over this class which has impacted my mental health negatively. Yes, he is helpful during office hours but in class, it's just too much. After a few quizzes, he made a comment comparing our class to his other section and said "I am worried for you guys" and as a professor, he should recognize that the majority of the class is struggling and not doing well. I feel as though when there is a common pattern between students he should recognize that it is not all on us and maybe him? This class is hard and every day I pray to just pass it, I shouldn't have to watch videos on youtube to understand these concepts because he is not teaching them in an understandable way. I would truly not recommend him to anyone and after finishing calc 1 with an A I don't know how I go from that to praying to pass now.

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-241-01.Fall.2021: MATH-241-01.Fall.2021
Instructor: Neranga Fernando *
Response Rate: 9/9 (100.00 %)

Question		1	2	3	4
Q1. Please indicate your class level:	n	4	4	1	0
	%	44.44%	44.44%	11.11%	0.00%

Scale: 1 = First Year, 2 = Second Year, 3 = Third Year, 4 = Fourth Year

Q2. What is your gender?
• Male
• Male
• female
• Male
• Female
• Male
• Male
• female
• female

Question	Q3. What is your major(s)?	n	%
1	Accounting	0	0.00%
2	Anthropology	0	0.00%
3	Art History	0	0.00%
4	Asian Studies	0	0.00%
5	Biology	0	0.00%
6	Chemistry	0	0.00%
7	Classics	0	0.00%
8	Computer Science	0	0.00%
9	Economics	2	25.00%
10	English	0	0.00%
11	Environmental Studies	0	0.00%
12	French	0	0.00%
13	German	0	0.00%
14	History	0	0.00%
15	International Studies	0	0.00%
16	Italian	0	0.00%
17	Mathematics	5	62.50%
18	Music	0	0.00%
19	Philosophy	0	0.00%
20	Physics	2	25.00%
21	Political Science	0	0.00%
22	Psychology	0	0.00%
23	Religious Studies	0	0.00%
24	Russian	0	0.00%
25	Sociology	0	0.00%
26	Spanish	0	0.00%
27	Studies in World Literatures	0	0.00%
28	Studio Art	0	0.00%
29	Theatre	0	0.00%
30	CIS/Student Designed Major	0	0.00%

If you checked "CIS/Student Designed Major" please list the title of your major below.

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-241-01.Fall.2021: MATH-241-01.Fall.2021
Instructor: Neranga Fernando *
Response Rate: 9/9 (100.00 %)

Question	Q4. What is your minor(s), or concentration(s), if applicable?	n	%
1	Africana Studies	0	0.00%
2	American Sign Language	0	0.00%
3	Anthropology	0	0.00%
4	Art History	0	0.00%
5	Asian Studies	0	0.00%
6	Biochemistry	0	0.00%
7	Chinese	0	0.00%
8	Computer Science	0	0.00%
9	Creative Writing	0	0.00%
10	Dance	1	100.00%
11	Education	0	0.00%
12	Environmental Studies	0	0.00%
13	French	0	0.00%
14	Gender, Sexuality, and Women's Studies	0	0.00%
15	Geosciences	0	0.00%
16	German	0	0.00%
17	Italian	0	0.00%
18	Latin American, Latinx, and Caribbean Studies	0	0.00%
19	Peace and Conflict Studies	0	0.00%
20	Philosophy	0	0.00%
21	Physics	0	0.00%
22	Religious Studies	0	0.00%
23	Russian	0	0.00%
24	Statistics	0	0.00%
25	Studies in World Literatures	0	0.00%
26	Studio Art	0	0.00%
27	CIS/Student Designed Minor	0	0.00%

If you checked "CIS/Student Designed Minor" please list the title of your minor below.

Question		1	2	3	4	5	6	7
Q5. What is your approximate current GPA?	n	5	2	2	0	0	0	0
	%	55.56%	22.22%	22.22%	0.00%	0.00%	0.00%	0.00%

Scale: 1 = 3.7 - 4.0, 2 = 3.3 - 3.69, 3 = 3.0 - 3.29, 4 = 2.7 - 2.99, 5 = 2.3 - 2.69, 6 = 2.0 - 2.29, 7 = <2.0

Question		1	2	3	4	5	6	7	8	9
Q6. Please indicate the reason(s) you are taking this course. (Check all that apply.)	n	8	1	0	0	1	6	3	1	1
	%	88.89%	11.11%	0.00%	0.00%	11.11%	66.67%	33.33%	11.11%	11.11%

Scale: 1 = Major requirement, 2 = Common area requirement, 3 = Concentration requirement, 4 = Minor requirement, 5 = Instructor, 6 = Interest in the course material, 7 = My advisor recommended it, 8 = Time/day offered, 9 = Friends are taking it

Other, please specify:

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-241-01.Fall.2021: MATH-241-01.Fall.2021
Instructor: Neranga Fernando *
Response Rate: 9/9 (100.00 %)

Question		5	4	3	2	1	Mean	Std	Median
Q7. Please describe your level of investment in this course. By investment, we mean the time, energy, and commitment you put into this course.	n	3	6	0	0	0	4.33	0.50	4.00
	%	33.33%	66.67%	0.00%	0.00%	0.00%			
<ul style="list-style-type: none"> • Written & Online homework, Problem worksheets, weekly quizzes, and exams. Good amount of reviewing needed to succeed, but provides all necessary resources. • I did all the required homework problems, and many of the non-required problems to prepare for tests/quizzes. • I finish the homeworks on time. And I would review before the exams and quizzes. • Participate and complete assignments • I love math and intend on majoring in it, so I spend a lot of time working on assignments, teaching myself concepts, and going to office hours • I try to spend a good amount of time each week going through all of the problems in the problem sets the professor gives us so that I can do well on the quizzes. However, sometimes I do not have time or energy to get through them all, so that is why I did not put "very high". 									

Scale: 5 = Very High, 4 = High, 3 = Moderate, 2 = Low, 1 = Very Low

Question		4	3	2	1	Mean	Std	Median
Q8. How would you rate your performance for each of the following course requirements?: a. I read or viewed all of the assigned materials	n	7	2	0	0	3.78	0.44	4.00
	%	77.78%	22.22%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: b. I did my best to complete all of my assignments	n	9	0	0	0	4.00	0.00	4.00
	%	100.00%	0.00%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: c. With the exception of excused absences, I attended the class all of the time	n	9	0	0	0	4.00	0.00	4.00
	%	100.00%	0.00%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: d. I actively participated in class (e.g., asked questions, responded to others' questions, etc.)	n	3	6	0	0	3.33	0.50	3.00
	%	33.33%	66.67%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: e. I helped contribute to a positive learning environment in class (e.g., engaged with classmates in or out of class, participated actively in group work, etc.)	n	6	3	0	0	3.67	0.50	4.00
	%	66.67%	33.33%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Question		1	2
Q9. Did you work with your professor outside of class (i.e. visited office hours, made individual appointments, attended review sessions, etc.)	n	7	2
	%	77.78%	22.22%

Scale: 1 = Yes, 2 = No

Q9a. Please list the reason(s) that you did work with your professor outside of class.

- Visited office hours for help on book problems to review for an exam.
- Exam Prep/Homework Questions
- I go to office hours to do problems, go over tests, and for additional help.
- I have question on the homework
- I didn't know how to solve a specific question
- Needed additional help on homework and when reviewing for assessments
- I go to my professor's office hours on a pretty regular basis because he is very helpful in going over the homework problems as well as general concepts before the two midterms we had. He is very flexible and provides plenty of opportunities to meet with him, making him a very accessible and welcoming professor to seek extra help from.

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-241-01.Fall.2021: MATH-241-01.Fall.2021
Instructor: Neranga Fernando *
Response Rate: 9/9 (100.00 %)

Q9b. Please explain why you did not work with your professor outside of class.

- Since this class is very algebra heavy, the professor did us good with all the examples in class
- I always felt like I was able to figure stuff out on my own, although it would have been helpful to attend office hours at some point.

Question		4	3	2	1	Mean	Std	Median
Q10. Please indicate the extent to which you agree or disagree with the following statement.: The course content deepened my understanding of the subject matter (e.g., factual knowledge, understanding of concepts and theories, etc.)	n	6	3	0	0	3.67	0.50	4.00
	%	66.67%	33.33%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Q10a. Please explain explain your response to this statement: "The course content deepened my understanding of the subject matter (e.g., factual knowledge, understanding of concepts and theories, etc.)"

- I hadn't taken Calc in two years, so this class did a great job of not only catching me up, but also uncovering new themes
- Described the material in different ways: Theoretical, analytical, and graphically.
- The course content deepened my understanding of calculus in a 3-dimensional scale
- I feel like I have a good grasp of the concepts covered in this class, building on my knowledge from previous calculus courses
- Very comprehensive and deep course
- It lets me understand Calculus deeper
- I learned a lot of material
- I've learned a lot during this class but I don't know how much of it stuck
- This class built significantly on what I learned in AP Calculus BC in high school. The professor went at an appropriate pace throughout the entire semester, and I believe I learned a lot about calculus that I did not know last year.

Question		4	3	2	1	Mean	Std	Median
Q11. Please indicate the extent to which you agree or disagree with the following statement.: The course content deepened my interest in the subject matter	n	3	5	1	0	3.22	0.67	3.00
	%	33.33%	55.56%	11.11%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Q11a. Please explain explain your response to this statement: "The course content deepened my interest in the subject matter"

- The material is all interesting, but the array of concepts can be overwhelming at times.
- I was already interested in Calculus, and it's necessity for my major, but going through this course it's deepened my understanding of how the topics play a role in understanding physics a 3D-representation of things.
- It deepened my interest in calculus and the physics involved
- I wasn't planning on taking more math classes after this class, but now I am seriously considering it.
- I love this class even though it's hard-helped me solidify my interest in math
- It makes me to feel that calculus is useful in real life
- I think that through learning I became more interested
- I haven't really enjoyed this class as much as I hoped due to the rigor and the necessity to understand physics (which isn't a pre-req but probably should be)
- Because it was in three dimensions, the problems seemed more applicable to the real world, and the way the professor taught the subject excited me.

Question		4	3	2	1	Mean	Std	Median
Q12. Please indicate the extent to which you agree or disagree with the following statement.: The course was well organized	n	7	2	0	0	3.78	0.44	4.00
	%	77.78%	22.22%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-241-01.Fall.2021: MATH-241-01.Fall.2021
Instructor: Neranga Fernando *
Response Rate: 9/9 (100.00 %)

Q12a. Please explain explain your response to this statement: "The course was well organized"

- Our Professor came in with a solid plan that he kept by, moving at a fairly steady pace
- The work material was presented in a way that flowed well with each other, such as skipping chapters that would be to difficult at first but then come back once we had an understanding of the topic and slowing down on certain topics to make sure we understood the differences in how these methods are applied.
- The syllabus was well structured and easy to follow
- It was nice to know that we'd have a quiz once every few weeks, a homework assignment just about every week, and lectures in class with some practice problems.
- Test and quiz dates are assigned well in advance. All expectations are told to us with plenty of time before.
- The professor would post the plan of class in the beginning of the class. And we follow the plan as the semester goes.
- Syllabus provided a basis for organization
- Prof. Fernando followed the syllabus well and has a regular weekly structure
- Although he would constantly change the syllabus, the course was very well organized with exact due dates of written homework and dates of quizzes listed since the beginning of the year. Whenever there was a change to the syllabus, he would always notify us about it, so there were no surprise assignments.

Question		4	3	2	1	Mean	Std	Median
Q13. Please indicate the extent to which you agree or disagree with the following statement.: The course gave me enough opportunities to demonstrate my learning	n	7	2	0	0	3.78	0.44	4.00
	%	77.78%	22.22%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Q13a. Please explain explain your response to this statement: "The course gave me enough opportunities to demonstrate my learning"

- The quizzes weren't weekly, but I like that we had them often enough to make sure we were on track. The homeworks also were a good representation of our progression.
- The amount of opportunities such as homework assignments, weekly homework/quizzes, and participation allowed for many opportunities to show your learning throughout the semester.
- Homework and quizzes allowed me to demonstrate my understanding of the material
- With homework, quizzes, and exams, I felt there were enough opportunities to demonstrate my learning.
- Lots of homework and quizzes to improve on
- We have quizzes and exams to demonstrate our learnings.
- Many tests, quizzes, and homeworks
- around 12 homework assignments, 7 quizzes, and 3 exams is a lot of chances to show our knowledge, although the quizzes are only 2-3 questions so it's hard to fully demonstrate our understanding
- All of the quizzes and written homework was testing my understanding of the material, and sometimes the professor would let each of us do a problem out on the chalkboard for the whole class.

Question		n	%
Q14. We are interested in learning how the course helped you develop skills and abilities beyond your understanding and appreciation of the course content. Please check the skill or ability that you believe you most developed as a result of taking this course.(Please note that the options below are not expected to apply to every course).This course most improved my . . .			
1	Critical thinking skills	2	22.22%
2	Oral communication skills	0	0.00%
3	Creative thinking skills	0	0.00%
4	Writing ability	0	0.00%
5	Close reading skills	0	0.00%
6	Research skills	0	0.00%
7	Problem-solving skills	7	77.78%
8	Ability to collaborate with others	0	0.00%
9	Ability to make connections across disciplines	0	0.00%
10	Ability to use information resources and technology	0	0.00%
11	Spiritual development	0	0.00%
12	Personal development	0	0.00%
13	Awareness of social justice issues	0	0.00%

Other, please specify:

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-241-01.Fall.2021: MATH-241-01.Fall.2021
Instructor: Neranga Fernando *
Response Rate: 9/9 (100.00 %)

Question		n	%
	Q14a. We are interested in learning how the course helped you develop skills and abilities beyond your understanding and appreciation of the course content. Please check the skill or ability that you believe you next most developed as a result of taking this course. (Please note that the options below are not expected to apply to every course). This course most improved my . . .		
1	Critical thinking skills	5	55.56%
2	Oral communication skills	0	0.00%
3	Creative thinking skills	0	0.00%
4	Writing ability	0	0.00%
5	Close reading skills	0	0.00%
6	Research skills	0	0.00%
7	Problem-solving skills	2	22.22%
8	Ability to collaborate with others	0	0.00%
9	Ability to make connections across disciplines	2	22.22%
10	Ability to use information resources and technology	0	0.00%
11	Spiritual development	0	0.00%
12	Personal development	0	0.00%
13	Awareness of social justice issues	0	0.00%

Other, please specify:

Q15. What elements in this course were most valuable to your learning? Please consider specific course activities and/or materials and how they affected your thinking about the course content (e.g., use of readings, class time, lectures, group work, problem sets, films, labs, reflections, etc.)

- I think that the concepts seemed hard at the beginning, but as they continue to be more useful with new material my problem solving skills improved a ton.
- The lectures and the problem sheets he would give were the most useful in succeeding in the class.
- The examples used in class and the textbook were the most valuable to my learning of the subject
- I found the lectures to be most helpful, as well as the homework problems.
- The problem sets and office hours made this a very valuable course. I worked hard as well, by doing all the problems then asking for help this deepened my understanding.
- The critical thinking skills and problem thinking skills are the most valuable elements in this course. We solve problems during the classes and when we are free.
- Notes/Lectures, Practice Exams/Problems
- Having access to past problem sheets WITH FULL SOLUTIONS
- I think everything included in this course was very valuable to my learning. I liked how my professor made great use of the chalkboard, and he even brought in different colored chalk to make the diagrams easier to understand. It was very nice to have a visual of everything we were learning. The written homework and problem sets were very helpful as well, because he was always available during his office hours to discuss and help you with whatever you struggled on, and very patiently explains things as many times as we need.

Q16. What, if anything, would you improve about this course? Please be as specific as possible.

- I think this course is very fair. I wish we had more knowledge as to the difficulty of each concept between tests and quizzes but in the end it can be a weighted lose-win situation.
- None
- More examples in how each topic is connected
- I think that it would be good to not remark that the tests/quizzes were easy after we had taken them, especially if there were students who failed the assessments.
- Lower midterm and final percentages.
- None
- I would have liked a few more examples earlier on in the course; a few example problems in the earlier units would've deepened my understanding.
- Webassign and book problems are difficult to complete because there are no solutions offered, so I'd like to have access to methods and solutions for the problems, especially the longer ones
- I do not think I would improve anything about this course.

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-241-01.Fall.2021: MATH-241-01.Fall.2021
Instructor: Neranga Fernando *
Response Rate: 9/9 (100.00 %)

Question		4	3	2	1	Mean	Std	Median
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: a. The instructor explained the material clearly: Neranga Fernando	n	6	3	0	0	3.67	0.50	4.00
	%	66.67%	33.33%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: b. The instructor presented the material in an engaging way: Neranga Fernando	n	6	3	0	0	3.67	0.50	4.00
	%	66.67%	33.33%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: c. The instructor was accessible outside of class: Neranga Fernando	n	8	1	0	0	3.89	0.33	4.00
	%	88.89%	11.11%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: d. The instructor was helpful in office hours: Neranga Fernando	n	8	1	0	0	3.89	0.33	4.00
	%	88.89%	11.11%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: e. The instructor's expectations and standards for grading were clear: Neranga Fernando	n	7	2	0	0	3.78	0.44	4.00
	%	77.78%	22.22%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: f. The instructor provided helpful feedback on assignments: Neranga Fernando	n	5	4	0	0	3.56	0.53	4.00
	%	55.56%	44.44%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: g. The instructor set high standards for students: Neranga Fernando	n	7	2	0	0	3.78	0.44	4.00
	%	77.78%	22.22%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Question		1	2	3	4	5
Q18. The instructor promoted a positive learning environment in the following ways. (Check all that apply).	n	4	8	9	7	6
	%	44.44%	88.89%	100.00%	77.78%	66.67%

Scale: 1 = Encouraged students to take intellectual risks, 2 = Encouraged everyone's involvement in class, 3 = Showed concern for students, 4 = Was respectful of different points of view/diverse perspectives, 5 = Created a safe atmosphere for learning and sharing of ideas

Other, please share:

Question		4	3	2	1	Mean	Std	Median
Q19. Overall, how would you rate the quality of instruction?: Neranga Fernando	n	6	2	1	0	3.56	0.73	4.00
	%	66.67%	22.22%	11.11%	0.00%			
Q20. Overall, how would you rate this course?	n	4	3	2	0	3.22	0.83	3.00
	%	44.44%	33.33%	22.22%	0.00%			

Scale: 4 = Excellent, 3 = Good, 2 = Average, 1 = Poor

College of the Holy Cross

Fall 2021 Evaluations

Course: MATH-241-01.Fall.2021: MATH-241-01.Fall.2021

Instructor: Neranga Fernando *

Response Rate: 9/9 (100.00 %)

Q21. Please share any additional thoughts about the course here.

- Professor Fernando makes coming to class 4 days a week exciting. Every class he not only teaches, but engages all of his students in a fun but beneficial and productive way.
- Pacing was good for understanding the material in a way that does not feel rushed, however, I think we will miss out on a lot of important topics that were on the syllabus but weren't able to get to.
- N/A
- I really enjoyed this course
- I love this class! Although challenging, this class really forced me to extensively understand the content. The challenging problems led to great pay off. Prof. Fernando is amazing! So helpful very caring about his students. I would recommend this class to anyone that loves math. Put in the work and professor fernando makes sure you do well.
- None
- None
- Prof. Fernando clearly cares about students' success and has a large knowledge of the subject material, however the lectures are very fast paced and are heavy in proofs and theory - which we don't often need. He breezes through example problems without thoroughly explaining how to solve them, despite the class asking him to go over practice problems in class. We still don't do much in the way of practice problems DURING class when we can be walked through them, so I have to teach myself how to solve the various types of problems we've learned on my own time.
- I love Professor Fernando so much. He is my favorite professor this semester. He is a great teacher, but at the same time so funny and likes to make jokes in class. He is very smart but he is very good at breaking things down for us in class, and even repeats things that we do not initially understand. In addition, he made an effort to remember everyone's name and get to know us personally. Overall, he is a great professor and a great person, and he made me even more interested in majoring in math than I was coming into college. I would definitely recommend taking this course with Professor Fernando. I hope I never forget what a great class this was!

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-04.2022.Spring: Calculus 1
Instructor: Neranga Fernando *
Response Rate: 17/21 (80.95 %)

Question		1	2	3	4
Q1. Please indicate your class level:	n	17	0	0	0
	%	100.00%	0.00%	0.00%	0.00%

Scale: 1 = First Year, 2 = Second Year, 3 = Third Year, 4 = Fourth Year

Q2. What is your gender?
• Male
• Male
• Female
• Male
• Female
• Male
• Male
• Male
• Female
• Male
• female
• male
• Male
• Male

Question	Q3. What is your major(s)?	n	%
1	Accounting	0	0.00%
2	Anthropology	0	0.00%
3	Art History	0	0.00%
4	Asian Studies	0	0.00%
5	Biology	3	18.75%
6	Chemistry	1	6.25%
7	Classics	0	0.00%
8	Computer Science	0	0.00%
9	Economics	8	50.00%
10	English	1	6.25%
11	Environmental Studies	0	0.00%
12	French	1	6.25%
13	German	0	0.00%
14	History	0	0.00%
15	International Studies	0	0.00%
16	Italian	0	0.00%
17	Mathematics	0	0.00%
18	Music	0	0.00%
19	Philosophy	0	0.00%
20	Physics	0	0.00%
21	Political Science	3	18.75%
22	Psychology	1	6.25%
23	Religious Studies	0	0.00%
24	Russian	0	0.00%
25	Sociology	0	0.00%
26	Spanish	0	0.00%
27	Studies in World Literatures	0	0.00%
28	Studio Art	0	0.00%
29	Theatre	0	0.00%
30	CIS/Student Designed Major	0	0.00%

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-04.2022.Spring: Calculus 1
Instructor: Neranga Fernando *
Response Rate: 17/21 (80.95 %)

If you checked "CIS/Student Designed Major" please list the title of your major below.

Question	Q4. What is your minor(s), or concentration(s), if applicable?	n	%
1	Africana Studies	0	0.00%
2	American Sign Language	0	0.00%
3	Anthropology	1	33.33%
4	Art History	0	0.00%
5	Asian Studies	0	0.00%
6	Biochemistry	0	0.00%
7	Chinese	0	0.00%
8	Computer Science	0	0.00%
9	Creative Writing	0	0.00%
10	Dance	0	0.00%
11	Education	0	0.00%
12	Environmental Studies	1	33.33%
13	French	1	33.33%
14	Gender, Sexuality, and Women's Studies	0	0.00%
15	Geosciences	0	0.00%
16	German	0	0.00%
17	Italian	0	0.00%
18	Latin American, Latinx, and Caribbean Studies	0	0.00%
19	Peace and Conflict Studies	0	0.00%
20	Philosophy	0	0.00%
21	Physics	0	0.00%
22	Religious Studies	0	0.00%
23	Russian	0	0.00%
24	Statistics	0	0.00%
25	Studies in World Literatures	0	0.00%
26	Studio Art	0	0.00%
27	CIS/Student Designed Minor	0	0.00%

If you checked "CIS/Student Designed Minor" please list the title of your minor below.

Question		1	2	3	4	5	6	7
Q5. What is your approximate current GPA?	n	5	5	1	5	0	0	0
	%	31.25%	31.25%	6.25%	31.25%	0.00%	0.00%	0.00%

Scale: 1 = 3.7 - 4.0, 2 = 3.3 - 3.69, 3 = 3.0 - 3.29, 4 = 2.7 - 2.99, 5 = 2.3 - 2.69, 6 = 2.0 - 2.29, 7 = <2.0

Question		1	2	3	4	5	6	7	8	9
Q6. Please indicate the reason(s) you are taking this course. (Check all that apply.)	n	12	10	2	0	0	2	0	0	1
	%	70.59%	58.82%	11.76%	0.00%	0.00%	11.76%	0.00%	0.00%	5.88%

Scale: 1 = Major requirement, 2 = Common area requirement, 3 = Concentration requirement, 4 = Minor requirement, 5 = Instructor, 6 = Interest in the course material, 7 = My advisor recommended it, 8 = Time/day offered, 9 = Friends are taking it

Other, please specify:

• Med school

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-04.2022.Spring: Calculus 1
Instructor: Neranga Fernando *
Response Rate: 17/21 (80.95 %)

Question		5	4	3	2	1	Mean	Std	Median
Q7. Please describe your level of investment in this course. By investment, we mean the time, energy, and commitment you put into this course.	n	8	7	2	0	0	4.35	0.70	4.00
	%	47.06%	41.18%	11.76%	0.00%	0.00%			
<ul style="list-style-type: none"> • Looking over notes daily • I tried very hard in this course doing all of the required material. • Put in a lot of time and work into course. • This is an important class for my major is it is a prerequisite for further courses and so I have put a lot of energy and time into it and have a strong commitment to do well in the course. • n/a • I'm just doing what I have to do to get by. • I put a lot of time in making sure I understand the material in this course. This is because without understanding one concept, it s tough to understand others as they build upon each other. • I studied very much in this class and did all the necessary work due for the class. • I need it for upper-level courses. • I put great effort into the homework and studying for the exams. • Its required for my major, but I honestly see very little correlation between the two. 									

Scale: 5 = Very High, 4 = High, 3 = Moderate, 2 = Low, 1 = Very Low

Question		4	3	2	1	Mean	Std	Median
Q8. How would you rate your performance for each of the following course requirements?: a. I read or viewed all of the assigned materials	n	15	2	0	0	3.88	0.33	4.00
	%	88.24%	11.76%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: b. I did my best to complete all of my assignments	n	15	2	0	0	3.88	0.33	4.00
	%	88.24%	11.76%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: c. With the exception of excused absences, I attended the class all of the time	n	15	2	0	0	3.88	0.33	4.00
	%	88.24%	11.76%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: d. I actively participated in class (e.g., asked questions, responded to others' questions, etc.)	n	7	9	1	0	3.35	0.61	3.00
	%	41.18%	52.94%	5.88%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: e. I helped contribute to a positive learning environment in class (e.g., engaged with classmates in or out of class, participated actively in group work, etc.)	n	12	5	0	0	3.71	0.47	4.00
	%	70.59%	29.41%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Question		1	2
Q9. Did you work with your professor outside of class (i.e. visited office hours, made individual appointments, attended review sessions, etc.)	n	15	2
	%	88.24%	11.76%

Scale: 1 = Yes, 2 = No

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-04.2022.Spring: Calculus 1
Instructor: Neranga Fernando *
Response Rate: 17/21 (80.95 %)

Q9a. Please list the reason(s) that you did work with your professor outside of class.

- Help clarifying course material
- I was confused on homework assignments
- To understand class material
- To ask for help with difficult concepts or to work slowly through our class material for the day.
- Met with professor to discuss material.
- To get extra help and go over exams and quizzes.
- I needed extra help with the work and homework problems. He was very accessible outside of class and it helped my understanding of the content really well
- Went over questions that came up during class and homework
- I needed to improve and that was the best way to go about it.
- I worked with my professor outside of class in order to help better my understanding of the material prior to tests and exams.
- Confused about material but attended TA office hours
- To better understand the course material or submit makeup work.
- I needed extra explanation/demonstration.
- I attended review sessions for exams.
- Just a few visits to clarify my understanding about a few topics.

Q9b. Please explain why you did not work with your professor outside of class.

- Never really had time/energy with all of the other classes.
- Never felt like I needed to.

Question		4	3	2	1	Mean	Std	Median
Q10. Please indicate the extent to which you agree or disagree with the following statement.: The course content deepened my understanding of the subject matter (e.g., factual knowledge, understanding of concepts and theories, etc.)	n	8	5	4	0	3.24	0.83	3.00
	%	47.06%	29.41%	23.53%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Q10a. Please explain explain your response to this statement: "The course content deepened my understanding of the subject matter (e.g., factual knowledge, understanding of concepts and theories, etc.)"

- the course helped me understand many topics, some easier than others tho.
- I took calculus last semester and I didn't learn anything, so I retok it this semester and I feel like I understand the material now.
- He was not a good teacher I wouldn't recommend him to anyone
- I believe I know more now about the factual knowledge than when I took calc in high school
- Furthered my understanding of calculus.
- While what we did learn has deepened my understanding, I do not feel as though we have gotten everything that we should have done in terms of material.
- I never took calculus in HS, which made me nervous to take this course. However I learned a lot throughout this semester
- Prior to the course, I had already done calculus, but the course helped me to understand the material more concretely
- I understand calc a lot more now
- I was not familiar with the subject matter coming in, and now i have a much better idea of what to do and how to do it.
- I strongly agree with this because in each class we went over the topics in class as well as homework and in doing so, delved in to deeper and more specific conversation about the topics.
- Confusing because the professor went really fast in class and instead of explaining the material he would just try to fill in multiple theories in the span of an hour.
- I was able to recieve betterknowledge of the course, whoever felt confused at time with the material or understanding the material.
- I already had background knowledge on the topic, and the course was mainly review.
- I did this in high school, so I'm just relearning all the basic concepts, but it is helping me remember well.
- This course both built on my previous calculus knowledge and led to additional knowledge.
- I have never taken a calculus course before, so I feel I learned a fair amount this semester.

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-04.2022.Spring: Calculus 1

Instructor: Neranga Fernando *

Response Rate: 17/21 (80.95 %)

Question		4	3	2	1	Mean	Std	Median
Q11. Please indicate the extent to which you agree or disagree with the following statement.: The course content deepened my interest in the subject matter	n	3	7	5	2	2.65	0.93	3.00
	%	17.65%	41.18%	29.41%	11.76%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Q11a. Please explain explain your response to this statement: "The course content deepened my interest in the subject matter"

- the difficulty in this course was high so it changed my view on the subject.
- I was never really interested in calculus, but the professor made the class more fun that it usually is.
- This class has made me hate math I'm thankful that this is the only math class I have to take here
- I do find math interesting but I also did not do great in the class so it intimidates me more now.
- Increased my knowledge, and made me more interested in taking more math courses during my time at HC.
- This course has proved very challenging and thus I have recognized that I would not be taking it or any further if it was not a requirement for my major.
- I've considered going into calc 2 after taking this course, however I am not sure if I will do it but I am interested
- n/a
- Im not sure if the class made me really interested in the subject, it was not very fun
- I have to take calc 2 next semester so I have been more interested in actually understanding everything.
- I feel as though I understood a great deal of the material in this class and with me, if I understand something and seem to do well with it, I enjoy it and my interest deepens.
- I'm still interested in the subject but the course decreased my interesR
- Many times in this class I felt lost or confused on the information learned in class. I would find myself studying the book alot as this provided good description of the content. Also as this was a common area requirement at times I struggled to find interest in the material. This also made me not want to take Calc 2.
- It was a review of topics.
- I like doing math so after not taking a math class for almost a year I'm having fun doing calculus again.
- I have always had significant interest in my math classes and the material in this class has been no different for me.
- Math has never really been an interest of mine.

Question		4	3	2	1	Mean	Std	Median
Q12. Please indicate the extent to which you agree or disagree with the following statement.: The course was well organized	n	9	3	4	1	3.18	1.01	4.00
	%	52.94%	17.65%	23.53%	5.88%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-04.2022.Spring: Calculus 1
Instructor: Neranga Fernando *
Response Rate: 17/21 (80.95 %)

Q12a. Please explain explain your response to this statement: "The course was well organized"

- the course was organized and I understood what every class entailed.
- The professor was clear on due dates, but he was confusing on what he wanted us to do for homework.
- There was very little organization, we spent the first half of the semester receiving thing that weren't even relevant to calc.
- His homework assignments were laid out efficiencely in the syllabus along with the quizzes and webworks.
- Had a good layout and plan to cover concepts.
- There should have been more of an emphasis on completing the syllabus and preparing kids for going to Calc II.
- He was clear on the syllabus and was clear with the homework. He was very accessible in office hours, and didn't have many sneak quizzes
- The structure of the course was laid out in the syllabus which was followed accordingly
- Quizzes on Friday's were annoying, the syllabus not being on the syllabus tab was annoying, and it was overall fairly inconvenient to find certain thing like worksheets or other homework.
- There is always a clear agenda every day and I know what is expected of me.
- Every class was practically the same every day; we go over the new material and then do practice exercises and problems to solidify our understanding. This consistency supports a well organized course.
- Changed around when HW's were due and would say things would be on a quiz so we didn't need to memorize certain identities and then proceeded to not put them on the quiz. Also, we used to have 15 min for 4 questions which decreased to 10 then 8 minutes whilst the content got harder. So even if you did understand the material the unrealistic time constraint would prevent you from doing well
- Oftentimes I would feel confused with what work was due or not due. I did however find the use of announcements helpful. As for the canvas setup, the use of a module page I think would be way more beneficial to adjusting the timeframe of when work is due.
- the topics flowed in order in a cohesive manner.
- Everything was laid out on the syllabus, if we had any upcoming assignments he would mention it or there would be a Canvas announcement.
- Many of the webwork assignments and homework assignments were confusing to solve and in some instances find. The textbook homework questions were indicated by asterisks and were often difficult to locate. The chronological order of the material taught was also somewhat confusing at times.
- I wish there was a little more review time built in, instead of just constantly being torched with new formulas and concepts.

Question		4	3	2	1	Mean	Std	Median
Q13. Please indicate the extent to which you agree or disagree with the following statement.: The course gave me enough opportunities to demonstrate my learning	n	12	3	1	1	3.53	0.87	4.00
	%	70.59%	17.65%	5.88%	5.88%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Q13a. Please explain explain your response to this statement: "The course gave me enough opportunities to demonstrate my learning"

- there were many opportunities to exemplify my knowledge.
- He wanted people to actively participate.
- There were plenty of assignments to do
- There were a lot of assignments and areas to gain points and show my learning.
- Enough assignments and quizzes to show my knowledge.
- Though we had homework and quizzes the true bulk of our grade fully depended on our two mid term exams and final.
- He asks for people to come write on the board and answer questions which is helpful. He also encourages the students to the problems themselves on the chalkboard in office hours rather than doing them for you
- n/a
- there were many instances to demonstrate my understanding, I just did not fully understand it.
- There are plenty of tests, quizzes, and participation opportunities that allow me to demonstrate my knowledge.
- I agree with this because the professor is constantly asking for student participation and input on the topics we go over.
- The class was basically lecture heavy but he would ask questions directed towards us
- Through many quizzes and homeworks we were able to demonstrate out learning within the material.
- there was plenty of homework (written and webwork) and regular quizzes to demonstrate mastery.
- If you wanted to you could answer questions in class to show peers. There were also a multitude of assignments that would allow you to demonstrate what you learned, whether it was homework or quizzes.
- Through homework assignments and tests, I was able to demonstrate my knowledge.
- There were plenty of opportunities to test my knowledge on topics within the course, between quizzes and exams.

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-04.2022.Spring: Calculus 1

Instructor: Neranga Fernando *

Response Rate: 17/21 (80.95 %)

Question	Q14. We are interested in learning how the course helped you develop skills and abilities beyond your understanding and appreciation of the course content. Please check the skill or ability that you believe you most developed as a result of taking this course.(Please note that the options below are not expected to apply to every course).This course most improved my . . .	n	%
1	Critical thinking skills	9	52.94%
2	Oral communication skills	0	0.00%
3	Creative thinking skills	0	0.00%
4	Writing ability	0	0.00%
5	Close reading skills	0	0.00%
6	Research skills	0	0.00%
7	Problem-solving skills	7	41.18%
8	Ability to collaborate with others	0	0.00%
9	Ability to make connections across disciplines	0	0.00%
10	Ability to use information resources and technology	0	0.00%
11	Spiritual development	0	0.00%
12	Personal development	1	5.88%
13	Awareness of social justice issues	0	0.00%

Other, please specify:

Question	Q14a. We are interested in learning how the course helped you develop skills and abilities beyond your understanding and appreciation of the course content. Please check the skill or ability that you believe you next most developed as a result of taking this course.(Please note that the options below are not expected to apply to every course).This course most improved my . . .	n	%
1	Critical thinking skills	3	17.65%
2	Oral communication skills	0	0.00%
3	Creative thinking skills	1	5.88%
4	Writing ability	0	0.00%
5	Close reading skills	0	0.00%
6	Research skills	0	0.00%
7	Problem-solving skills	11	64.71%
8	Ability to collaborate with others	1	5.88%
9	Ability to make connections across disciplines	1	5.88%
10	Ability to use information resources and technology	0	0.00%
11	Spiritual development	0	0.00%
12	Personal development	0	0.00%
13	Awareness of social justice issues	0	0.00%

Other, please specify:

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-04.2022.Spring: Calculus 1
Instructor: Neranga Fernando *
Response Rate: 17/21 (80.95 %)

Q15. What elements in this course were most valuable to your learning? Please consider specific course activities and/or materials and how they affected your thinking about the course content (e.g., use of readings, class time, lectures, group work, problem sets, films, labs, reflections, etc.)

- The most valuable was problem example problems in class.
- Written homework and quizzes.
- The office hours. His lectures were terrible he went way too fast and left half of the class trying to understand the topics.
- The problem sheets were very helpful in preparing for exams and quizzes
- Lectures and examples.
- Lectures and relying on myself to do further outside work and teach myself harder concepts.
- I think the practice problems were extremely helpful in understanding the course content. Most quizzes were taken directly from homework and textbook problems, so as long as I completed the class work I could perform well on the tests.
- Examples. They were fundamental in understanding mathematical concepts
- The quizzes
- The written homework was the most valuable method of practice for me. I always learned a lot when doing them.
- I definitely feel that the homework problems and sets due were always the most helpful because there were enough problems where I could get enough practice in for exams and quizzes.
- The problem sets from the textbooks were more beneficial than the ones in webwork.
- The use of problem sets I found very useful. These would mirror the quizzes and exams and I felt more of these would be extremely beneficial to learning.
- The course content itself is most valuable because i need it to move on to upper-level courses.
- The problem sheets and the homework questions. The test/midterm questions were very similar to what was in the problem sheets on Canvas, and if you did all the homework problems and understood them it made it easier to do harder questions.
- The lectures and the explanations in the textbook were most helpful for me.
- Worksheets were probably the most helpful, I didn't feel like I learned much from either the written HWs or WEBworks.

Q16. What, if anything, would you improve about this course? Please be as specific as possible.

- More explanation on certain topics that most the class obviously did not grasp.
- The professor could go a little slower when lecturing.
- Getting rid of the teacher
- Lesser webworks, the problems were a bit too hard compared to our homework assignments and it took away points.
- Maybe slowing down lectures slightly in reference to examples.
- The timing and the correlation of difficulty between homework, quizzes, and exams.
- This isn't Fernando's fault, but the course time is too short. Rather than 3 50 minute courses, it should be two 1.5 hour courses. Class time typically runs over, and I feel like I am left wanting more at the end of the course. It is hard to get through the content, especially when students are asking questions
- Needs more worksheets
- I wouldn't make the quizzes on Fridays, rather on Wednesdays.
- I wish it would end on time
- One thing I would improve about the course is that although the professor asked for student participation, I would have rather liked it to be more frequent so that if other students make similar mistakes, it could be fixed.
- Something I'd improve in the course is having a more concise schedule that doesn't change all the time. A review sheet or a clear guide of what materials the quizzes will be based on would also be appreciated because at times he lol say todays class will also be on the quiz and then it isn't or that this content won't be on the quiz. He also gives problems sheets that are useful in your learning but he needs to be more clear about what content he is testing us on rather than giving a lot of work and then having to guess what problems you will see.
- As for improvement, slower lessons would be much more beneficial. Jumping from idea to idea at times got confusing and would oftentimes confuse me greatly. I also found when learning new ideas the problems provided on the board would be much harder than those on the quizzes and tests. This would leave me confused at first as I would struggle to find the answer and thus would need to look deeper into my understanding after class.
- I would redistribute the time allotted to certain topics. For example, I would spend less time on pre-calculus content.
- I would just improve the whole WEB work because WEB work is terrible. Some questions you literally can't get right if you wanted to due to the websites horrific formatting. WEB work is also just a waste of time half the time, doing out the book homework questions was way more valuable to learning and understanding the material then WEB work.
- I would improve the webwork by making the questions more relevant or deleting them altogether. The questions were often more difficult than class material and required calculators, which was not allowed in class or on written homework. The webwork at times seemed more annoying than helpful.
- A little bit more time to review certain concepts and possibly difficult problems.

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-04.2022.Spring: Calculus 1

Instructor: Neranga Fernando *

Response Rate: 17/21 (80.95 %)

Question		4	3	2	1	Mean	Std	Median
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: a. The instructor explained the material clearly: Neranga Fernando	n	4	8	3	2	2.82	0.95	3.00
	%	23.53%	47.06%	17.65%	11.76%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: b. The instructor presented the material in an engaging way: Neranga Fernando	n	10	1	4	2	3.12	1.17	4.00
	%	58.82%	5.88%	23.53%	11.76%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: c. The instructor was accessible outside of class: Neranga Fernando	n	15	2	0	0	3.88	0.33	4.00
	%	88.24%	11.76%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: d. The instructor was helpful in office hours: Neranga Fernando	n	14	2	1	0	3.76	0.56	4.00
	%	82.35%	11.76%	5.88%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: e. The instructor's expectations and standards for grading were clear: Neranga Fernando	n	10	4	3	0	3.41	0.80	4.00
	%	58.82%	23.53%	17.65%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: f. The instructor provided helpful feedback on assignments: Neranga Fernando	n	5	6	5	1	2.88	0.93	3.00
	%	29.41%	35.29%	29.41%	5.88%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: g. The instructor set high standards for students: Neranga Fernando	n	15	2	0	0	3.88	0.33	4.00
	%	88.24%	11.76%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Question		1	2	3	4	5
Q18. The instructor promoted a positive learning environment in the following ways. (Check all that apply).	n	16	15	11	14	15
	%	94.12%	88.24%	64.71%	82.35%	88.24%

Scale: 1 = Encouraged students to take intellectual risks, 2 = Encouraged everyone's involvement in class, 3 = Showed concern for students, 4 = Was respectful of different points of view/diverse perspectives, 5 = Created a safe atmosphere for learning and sharing of ideas

Other, please share:

Question		4	3	2	1	Mean	Std	Median
Q19. Overall, how would you rate the quality of instruction?: Neranga Fernando	n	7	4	4	2	2.94	1.09	3.00
	%	41.18%	23.53%	23.53%	11.76%			
Q20. Overall, how would you rate this course?	n	4	7	3	3	2.71	1.05	3.00
	%	23.53%	41.18%	17.65%	17.65%			

Scale: 4 = Excellent, 3 = Good, 2 = Average, 1 = Poor

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-04.2022.Spring: Calculus 1

Instructor: Neranga Fernando *

Response Rate: 17/21 (80.95 %)

Q21. Please share any additional thoughts about the course here.

- n/a
- N/A
- Terrible class
- Nice Professor! very understanding
- Course was taught well, sometimes lectures and examples were too fast but overall was taught well. Exams and quizzes were fair and based on material learned in class and on assignments
- Professor Fernando is a great man and a passionate teacher, however, this lacked translation to his course and while I did seem to show true commitment and care for his students outside of class he again did not let this reflect in his grading and teaching practices.
- I think he is a really great teacher and explains things well. He is funny, and provides a lot of great feedback to students. He sets high expectations, but does his best to make sure students are succeeding. I appreciate his efforts in the classroom.
- n/a
- n/a
- No additional thoughts
- Overall, I really enjoyed this class, the material was presented in an understandable way and I really feel as though my problem-solving skills have improved over the semester.
- The course is decent but he just needs to be more organized
- None others
- The professor did not always know what the class already understood coming into the course, so he sometimes did not explain how to do certain problems the first time students saw them in class. He also did not always give explicit instruction on the process of how to solve types of problems, which made solving them on one's own difficult. For example, we would do practice problems in class, and the student would have to develop his or her own process to figure out the problem after seeing it done many times. It is confusing to learn that way sometimes. Rather, it is helpful to first learn how to approach a problem by going through an example, and then give more practice problems to apply to the learned approach.
- Good professor and good introduction course, I just don't understand why the course stops at the material it does and doesn't go into integrals.
- Professor Fernando is a very kind and helpful professor, but some of his presentation of course material was confusing. His grading of tests and quizzes was often confusing and explanations of wrongdoings were not provided. I would either make webwork more relevant to course material or eliminate it. I am glad I took this class for the material I have learned as it will be extremely beneficial in future classes.
- None

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-03.2022.Spring: Calculus 1

Instructor: Neranga Fernando *

Response Rate: 16/20 (80.00 %)

Question		1	2	3	4
Q1. Please indicate your class level:	n	13	2	0	1
	%	81.25%	12.50%	0.00%	6.25%

Scale: 1 = First Year, 2 = Second Year, 3 = Third Year, 4 = Fourth Year

Q2. What is your gender?

- F
- Male
- Male
- Male
- Female
- Male
- Male
- Male
- female
- Male
- Female
- Female
- Male
- Male
- Male
- Female

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-03.2022.Spring: Calculus 1

Instructor: Neranga Fernando *

Response Rate: 16/20 (80.00 %)

Question	Q3. What is your major(s)?	n	%
1	Accounting	0	0.00%
2	Anthropology	0	0.00%
3	Art History	0	0.00%
4	Asian Studies	1	6.25%
5	Biology	2	12.50%
6	Chemistry	0	0.00%
7	Classics	0	0.00%
8	Computer Science	0	0.00%
9	Economics	6	37.50%
10	English	1	6.25%
11	Environmental Studies	0	0.00%
12	French	0	0.00%
13	German	0	0.00%
14	History	1	6.25%
15	International Studies	0	0.00%
16	Italian	0	0.00%
17	Mathematics	0	0.00%
18	Music	0	0.00%
19	Philosophy	0	0.00%
20	Physics	0	0.00%
21	Political Science	1	6.25%
22	Psychology	4	25.00%
23	Religious Studies	0	0.00%
24	Russian	0	0.00%
25	Sociology	0	0.00%
26	Spanish	0	0.00%
27	Studies in World Literatures	0	0.00%
28	Studio Art	0	0.00%
29	Theatre	0	0.00%
30	CIS/Student Designed Major	0	0.00%

If you checked "CIS/Student Designed Major" please list the title of your major below.

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-03.2022.Spring: Calculus 1
Instructor: Neranga Fernando *
Response Rate: 16/20 (80.00 %)

Question	Q4. What is your minor(s), or concentration(s), if applicable?	n	%
1	Africana Studies	0	0.00%
2	American Sign Language	0	0.00%
3	Anthropology	0	0.00%
4	Art History	0	0.00%
5	Asian Studies	0	0.00%
6	Biochemistry	1	25.00%
7	Chinese	0	0.00%
8	Computer Science	1	25.00%
9	Creative Writing	0	0.00%
10	Dance	0	0.00%
11	Education	0	0.00%
12	Environmental Studies	0	0.00%
13	French	0	0.00%
14	Gender, Sexuality, and Women's Studies	0	0.00%
15	Geosciences	0	0.00%
16	German	0	0.00%
17	Italian	0	0.00%
18	Latin American, Latinx, and Caribbean Studies	0	0.00%
19	Peace and Conflict Studies	0	0.00%
20	Philosophy	0	0.00%
21	Physics	0	0.00%
22	Religious Studies	0	0.00%
23	Russian	0	0.00%
24	Statistics	0	0.00%
25	Studies in World Literatures	0	0.00%
26	Studio Art	0	0.00%
27	CIS/Student Designed Minor	2	50.00%

If you checked "CIS/Student Designed Minor" please list the title of your minor below.

- Rhetoric and Composition
- Neuroscience

Question		1	2	3	4	5	6	7
Q5. What is your approximate current GPA?	n	5	7	3	0	0	0	0
	%	33.33%	46.67%	20.00%	0.00%	0.00%	0.00%	0.00%

Scale: 1 = 3.7 - 4.0, 2 = 3.3 - 3.69, 3 = 3.0 - 3.29, 4 = 2.7 - 2.99, 5 = 2.3 - 2.69, 6 = 2.0 - 2.29, 7 = <2.0

Question		1	2	3	4	5	6	7	8	9
Q6. Please indicate the reason(s) you are taking this course. (Check all that apply.)	n	8	9	1	1	3	3	0	3	0
	%	50.00%	56.25%	6.25%	6.25%	18.75%	18.75%	0.00%	18.75%	0.00%

Scale: 1 = Major requirement, 2 = Common area requirement, 3 = Concentration requirement, 4 = Minor requirement, 5 = Instructor, 6 = Interest in the course material, 7 = My advisor recommended it, 8 = Time/day offered, 9 = Friends are taking it

Other, please specify:

- Pre-Med Requirement.

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-03.2022.Spring: Calculus 1
Instructor: Neranga Fernando *
Response Rate: 16/20 (80.00 %)

Question		5	4	3	2	1	Mean	Std	Median
Q7. Please describe your level of investment in this course. By investment, we mean the time, energy, and commitment you put into this course.	n	10	5	1	0	0	4.56	0.63	5.00
	%	62.50%	31.25%	6.25%	0.00%	0.00%			

- I make sure to listen and take notes for lectures and go to office hours.
- I did all the homework and attended every class.
- This course requires a lot of work outside class time so I do spend a lot of effort on this course in order to ensure I've mastered the material
- Do the homework and pay attention in class.
- I spent a fair amount of time on homework and practice problems.
- I spend hundreds of hours studying and reviewing the material
- I invest a lot of time in studying and preparing for quizzes as well as completing assignments.
- I attend all of the lectures and spend time outside of class to understand the material.
- I come to every class, and I complete every assignment on time.
- I am invested in all of my courses, but I am especially in this one because it is a foundational course for future courses I will be taking.
- The course, has many homework assignments both from the textbook and online, that are helpful in regards to quizzes. The course is designed that, all the problems benefit you in regards to exams and quizzes.

Scale: 5 = Very High, 4 = High, 3 = Moderate, 2 = Low, 1 = Very Low

Question		4	3	2	1	Mean	Std	Median
Q8. How would you rate your performance for each of the following course requirements?: a. I read or viewed all of the assigned materials	n	12	4	0	0	3.75	0.45	4.00
	%	75.00%	25.00%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: b. I did my best to complete all of my assignments	n	16	0	0	0	4.00	0.00	4.00
	%	100.00%	0.00%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: c. With the exception of excused absences, I attended the class all of the time	n	14	2	0	0	3.88	0.34	4.00
	%	87.50%	12.50%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: d. I actively participated in class (e.g., asked questions, responded to others' questions, etc.)	n	10	4	2	0	3.50	0.73	4.00
	%	62.50%	25.00%	12.50%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: e. I helped contribute to a positive learning environment in class (e.g., engaged with classmates in or out of class, participated actively in group work, etc.)	n	10	5	1	0	3.56	0.63	4.00
	%	62.50%	31.25%	6.25%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Question		1	2
Q9. Did you work with your professor outside of class (i.e. visited office hours, made individual appointments, attended review sessions, etc.)	n	13	3
	%	81.25%	18.75%

Scale: 1 = Yes, 2 = No

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-03.2022.Spring: Calculus 1
Instructor: Neranga Fernando *
Response Rate: 16/20 (80.00 %)

Q9a. Please list the reason(s) that you did work with your professor outside of class.

- To better understand material and ask questions.
- I was confused on homework assignments, I wanted to have a better understanding for an exam
- gain a better understanding of the material and see application problems
- Attended Office Hours at beginning of semester, stopped later due to internship.
- I would usually go to office hours before any sort of exam or assignment was due in order to ensure I've correctly understood the material
- I sought help on a couple homework problems.
- To learn the material better
- For extra help when studying for tests/quizzes.
- I needed help with various homework assignments or went for a midterm review session.
- I attended office hours.
- When confused on course content I would visit the professor in office hours to get help with problems and clear up any confusions.
- Lots of office hours visits
- Professor Fernando, was always available to help in regards to hw problems and to review for upcoming Midterm Exams and quizzes. His office hours, were really helpful in preparation for assignments.

Q9b. Please explain why you did not work with your professor outside of class.

- I have golf practice during office hours and am usually crammed with other work.
- I did not have very many questions about material in class.
- Did not feel the need to

Question		4	3	2	1	Mean	Std	Median
Q10. Please indicate the extent to which you agree or disagree with the following statement.: The course content deepened my understanding of the subject matter (e.g., factual knowledge, understanding of concepts and theories, etc.)	n	13	2	1	0	3.75	0.58	4.00
	%	81.25%	12.50%	6.25%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Q10a. Please explain explain your response to this statement: "The course content deepened my understanding of the subject matter (e.g., factual knowledge, understanding of concepts and theories, etc.)"

- I have a better understanding and appreciation for calculus.
- I had never taken a course like this one so almost everything that I learned was new information and overall I feel like I learned a lot from this class.
- I had basic knowledge of the topic but learned it in a lot more depth through this class
- Professor Fernando is incredibly knowledgeable but can go through the material too fast at times.
- Professor Fernando was very helpful in class and was very accessible outside of class. This course has deepened my understanding in mathematics and how I can succeed in other math classes
- I sort of knew the material before entering the class but professor Fernando proves why we use the shortcuts we do so this helps.
- My knowledge of calculus has greatly improved due to this course.
- I know calculus better as a result of taking this course
- I learned a lot about math and more than I have learned in previous math classes I have taken.
- Professor Fernando helped explain the uses of calculus very well.
- I feel like I understand the material on a deeper level and would be able to apply most of it if necessary.
- I have gained a deeper understanding of certain equations and theories within Calculus.
- I had a foundational understanding of all topics from my high school honors calc class. The class went into slightly more detail than that did.
- I learned a lot about Calculus
- I expanded on my knowledge from pre calc
- The material was presented, in a way with examples in lectures, that were helpful in understanding the concepts.

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-03.2022.Spring: Calculus 1

Instructor: Neranga Fernando *

Response Rate: 16/20 (80.00 %)

Question		4	3	2	1	Mean	Std	Median
Q11. Please indicate the extent to which you agree or disagree with the following statement.: The course content deepened my interest in the subject matter	n	3	8	3	2	2.75	0.93	3.00
	%	18.75%	50.00%	18.75%	12.50%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Q11a. Please explain explain your response to this statement: "The course content deepened my interest in the subject matter"

- I am more interested in calculus.
- Although I was learning this stuff for the first time I didn't necessarily enjoy it.
- I had previously taken a similar course which sparked my interest and this only strengthened it
- I did not find myself interested by the subject.
- This course has helped me see that I will be interested in the math side of economics as I continue down this path fro my major
- I am taking calc 2 next year
- I have taken a lot of writing-based and reading-based classes so far. This class was a nice change from that and it also deepened my interest in math in general.
- I never liked math or calculus previously and I still do not like it.
- I do not have much interest in math and only took this class because I plan on declaring Economics as my major.
- I'd say I'm still interested in the subject matter, but I don't think it's to a much greater extent after the course.
- I don't think I will take another higher level math course (other than statistics which is required for my major).
- I am extremely interested in mathematics, however I have trouble learning from Professor Fernando, rather I feel like I just have to teach myself.
- I did not become more or less interested in the subject material.
- I still am not a fan of Calculus
- Not a fan of math courses
- In highschool, calculus was really difficult for me, but in this class it was explained in a way that was very helpful and clear, so I have a better overall understanding.

Question		4	3	2	1	Mean	Std	Median
Q12. Please indicate the extent to which you agree or disagree with the following statement.: The course was well organized	n	12	3	1	0	3.69	0.60	4.00
	%	75.00%	18.75%	6.25%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Q12a. Please explain explain your response to this statement: "The course was well organized"

- The syllabus and expectations were clear.
- We knew what we had to do and for when which was quite helpful in planning out my work.
- Professor Fernando had a very clear cut schedule which was very manageable so i was never lost
- We had to attend an hour and a half makeup class during conference day because we were behind.
- The course follows a very organized schedule and doesn't involve any surprises as to what is expected of us as students
- Consistent and clear with homework dates, quizzes and exams.
- We followed the syllabus pretty strictly with very few exceptions. Classes were also very well organized.
- The assignments were laid out in the syllabus. Few changes were made
- It was very clear what was expected and when assignments were due.
- Everything was well-structured. Our homework, quizzes, and tests were all well planned and spaced out.
- The canvas page was very organized and the canvas announcements with reminders about assignments were helpful.
- He followed most of what was planned on the syllabus.
- We followed the syllabus and everything followed the planned date. Files were posted to Canvas in an organized way as well.
- Syllabus was well planned
- Clear due dates
- The lectures were always filled with examples and well explained concepts, and in addition to this hw problems and online problems were clearly outlined with due dates.

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-03.2022.Spring: Calculus 1
Instructor: Neranga Fernando *
Response Rate: 16/20 (80.00 %)

Question		4	3	2	1	Mean	Std	Median
Q13. Please indicate the extent to which you agree or disagree with the following statement.: The course gave me enough opportunities to demonstrate my learning	n	12	4	0	0	3.75	0.45	4.00
	%	75.00%	25.00%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Q13a. Please explain explain your response to this statement: "The course gave me enough opportunities to demonstrate my learning"

- We are given the opportunity to participate in class, attend office hours, and demonstrate learning through homework and extra credit.
- We had many homework assignments that gave me the ability to do this and the tests did the same just to a greater extent.
- there are plenty of assignments and interactions that allowed me to show my knowledge. We had a quiz or homework assignment every week which helped me stay focused on the task at hand
- Quizzes, homework, and tests.
- There were many homework assignments and quizzes in which we could show our learning before exams
- Through homework, quizzes and tests I feel you should have the opportunity to control your grade.
- There were plenty of homework assignments, quizzes, and exams in which I could demonstrate my knowledge.
- There were enough tests, quizzes and homework assignments so that our grades would reflect our learning.
- There have been various quizzes and assignments to see how students are doing with learning the in class material before bigger exams.
- There were plenty of assignments to demonstrate my learning, whether it was through homework, tests, or quizzes.
- We have plenty of grade assignments in this course (written homework, webwork, quizzes and 2 midterms).
- I feel as if there should have been more group work done in class.
- We had plenty of homework, webwork, quizzes, and exams to show our learning and have practice with the material.
- Plenty of tests/quizzes
- Some exam questions felt unfair
- With many quizzes and the 2 Midterm Exams the course was able to test my knowledge, and Professor sometimes encouraged students to solve problems on the board, which was nice to do.

Question		n	%
1	Q14. We are interested in learning how the course helped you develop skills and abilities beyond your understanding and appreciation of the course content. Please check the skill or ability that you believe you most developed as a result of taking this course. (Please note that the options below are not expected to apply to every course). This course most improved my . . .		
1	Critical thinking skills	2	12.50%
2	Oral communication skills	0	0.00%
3	Creative thinking skills	0	0.00%
4	Writing ability	0	0.00%
5	Close reading skills	0	0.00%
6	Research skills	0	0.00%
7	Problem-solving skills	14	87.50%
8	Ability to collaborate with others	0	0.00%
9	Ability to make connections across disciplines	0	0.00%
10	Ability to use information resources and technology	0	0.00%
11	Spiritual development	0	0.00%
12	Personal development	0	0.00%
13	Awareness of social justice issues	0	0.00%

Other, please specify:

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-03.2022.Spring: Calculus 1

Instructor: Neranga Fernando *

Response Rate: 16/20 (80.00 %)

Question	Q14a. We are interested in learning how the course helped you develop skills and abilities beyond your understanding and appreciation of the course content. Please check the skill or ability that you believe you next most developed as a result of taking this course. (Please note that the options below are not expected to apply to every course). This course most improved my . . .	n	%
1	Critical thinking skills	10	62.50%
2	Oral communication skills	0	0.00%
3	Creative thinking skills	1	6.25%
4	Writing ability	0	0.00%
5	Close reading skills	0	0.00%
6	Research skills	0	0.00%
7	Problem-solving skills	4	25.00%
8	Ability to collaborate with others	0	0.00%
9	Ability to make connections across disciplines	1	6.25%
10	Ability to use information resources and technology	0	0.00%
11	Spiritual development	0	0.00%
12	Personal development	0	0.00%
13	Awareness of social justice issues	0	0.00%

Other, please specify:

Q15. What elements in this course were most valuable to your learning? Please consider specific course activities and/or materials and how they affected your thinking about the course content (e.g., use of readings, class time, lectures, group work, problem sets, films, labs, reflections, etc.)

- The lectures, problem sheets, and office hours were most valuable to my learning.
- The lectures we had were the biggest part of the learning because there wasn't much opportunity for group work as it is a math class.
- The lectures and problem sets were the most valuable. The lectures performed by Professor Fernando were very in detail and fun to attend. The problem sets then let me apply what i learned in class which prepared me for the quizzes
- Homework.
- The quizzes, homeworks and Webworks were very helpful for me to see if I was going to be prepared for the exams
- The problem solving aspect is most valuable to me.
- I think the lectures were the most valuable aspect to my learning. Professor Fernando did a great job explaining the material and clarifying any confusion.
- Office hours, class lectures
- The in class lecture notes were most valuable to my learning because they helped me prepare for exams and understand homework assignments.
- Class lectures were most valuable to my learning. They gave me the necessary knowledge to complete assignments.
- The written homework was helpful because it was a nice introduction to the topics without the problems being too challenging. The quizzes were also a good way to figure out what you still don't understand and need to work on.
- I feel that the class time, as well as the homework problems were most beneficial to my learning. I would also add that the worksheets and problem sheets which were given were also quite valuable.
- I feel the problem sheets we were given towards the end of the semester were the most valuable in helping me learn course content and better understand the material.
- Problem sets
- Office hours
- The most valuable, was lectures and problem sets, along with attending office hours regularly.

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Spring 2022 Evaluations

Course: MATH-135-03.2022.Spring: Calculus 1

Instructor: Neranga Fernando *

Response Rate: 16/20 (80.00 %)

Q16. What, if anything, would you improve about this course? Please be as specific as possible.

- Nothing.
- The ability to work in groups more.
- Nothing
- Make it less strenuous. The workload was way too high for an introductory level course.
- Nothing!
- Nothing.
- I would not change anything.
- I would preset the material in a way that is easier to understand. The course is much too complex and overcomplicated. I would use simpler methods to teach the same material.
- Nothing
- Sometimes topics were explained too complicated, but overall there's not much I can think of to improve the course.
- I don't think webwork was that useful. I found the written homework and problem/worksheets to be more useful.
- I would not have the Webworks.
- At times the course seemed a little to proof heavy or theory based. In the future I would say to focus on more in class practice and less on the theory behind the math.
- Im not sure it could be improved, it was pretty straightforward
- More practice problems during lecture. Exhaling material MUCH slower.
- Sometimes, I felt the amount of problems between Written HW and Online HW problems was a little overwhelming in addition to problem sheets.

Question		4	3	2	1	Mean	Std	Median
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: a.The instructor explained the material clearly: Neranga Fernando	n	10	3	3	0	3.44	0.81	4.00
	%	62.50%	18.75%	18.75%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: b. The instructor presented the material in an engaging way: Neranga Fernando	n	10	5	1	0	3.56	0.63	4.00
	%	62.50%	31.25%	6.25%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: c. The instructor was accessible outside of class: Neranga Fernando	n	16	0	0	0	4.00	0.00	4.00
	%	100.00%	0.00%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: d. The instructor was helpful in office hours: Neranga Fernando	n	14	2	0	0	3.88	0.34	4.00
	%	87.50%	12.50%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: e. The instructor's expectations and standards for grading were clear: Neranga Fernando	n	14	2	0	0	3.88	0.34	4.00
	%	87.50%	12.50%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: f. The instructor provided helpful feedback on assignments: Neranga Fernando	n	11	4	1	0	3.63	0.62	4.00
	%	68.75%	25.00%	6.25%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: g. The instructor set high standards for students: Neranga Fernando	n	16	0	0	0	4.00	0.00	4.00
	%	100.00%	0.00%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

College of the Holy Cross

Spring 2022 Evaluations

Course: MATH-135-03.2022.Spring: Calculus 1

Instructor: Neranga Fernando *

Response Rate: 16/20 (80.00 %)

Question		1	2	3	4	5
Q18. The instructor promoted a positive learning environment in the following ways. (Check all that apply).	n	13	14	13	11	12
	%	81.25%	87.50%	81.25%	68.75%	75.00%

Scale: 1 = Encouraged students to take intellectual risks, 2 = Encouraged everyone's involvement in class, 3 = Showed concern for students, 4 = Was respectful of different points of view/diverse perspectives, 5 = Created a safe atmosphere for learning and sharing of ideas

Other, please share:

Question		4	3	2	1	Mean	Std	Median
Q19. Overall, how would you rate the quality of instruction?: Neranga Fernando	n	11	2	2	1	3.44	0.96	4.00
	%	68.75%	12.50%	12.50%	6.25%			
Q20. Overall, how would you rate this course?	n	9	5	1	1	3.38	0.89	4.00
	%	56.25%	31.25%	6.25%	6.25%			

Scale: 4 = Excellent, 3 = Good, 2 = Average, 1 = Poor

Q21. Please share any additional thoughts about the course here.

- I really enjoyed taking Calculus 1 and now have a greater appreciation for mathematics.
- none
- None
- Incredible Professor, just not for an introductory course.
- I really enjoyed the course!
- I like it.
- I am really pleased that I took this course. It was refreshing to take a math class because I have been taking a lot of political science, history, and other writing classes.
- Very difficult. Too much so. Yet a rewarding class
- Professor Fernando was extremely helpful and engaging and I would strongly recommend taking his class.
- I really enjoyed having Prof. Fernando and would recommend him to everyone!
- I would recommend Prof. Fernando to other students looking into taking math courses.
- I feel that I would have learned more, if more examples and explanations were done when giving a lecture.
- No additional thoughts.
- Good class
- None
- I really enjoyed the course, and it gave me confidence in my mathematical ability.

College of the Holy Cross
Fall 2022 Evaluations

Course: MATH_133_01_Fall2022: Calculus 1 with Fundamentals
Instructor: Neranga Fernando *
Response Rate: 9/11 (81.82 %)

1 - Q1. Please indicate your class level:					
Response Option	Weight	Frequency	Percent	Percent Responses	Means
First Year	(1)	9	100.00%	<div style="width: 100%; height: 10px; background-color: #808080;"></div>	
Second Year	(2)	0	0.00%		
Third Year	(3)	0	0.00%		
Fourth Year	(4)	0	0.00%		
				0 25 50 100	
Response Rate					
9/11 (81.82%)					

2 - Q2. What is your gender?	
Response Rate	9/11 (81.82%)
<ul style="list-style-type: none"> • male • Female • Male • Male • Male • Male • male • Male • female 	

College of the Holy Cross

Fall 2022 Evaluations

Course: MATH_133_01_Fall2022: Calculus 1 with Fundamentals
Instructor: Neranga Fernando *
Response Rate: 9/11 (81.82 %)

3 - Q3. What is your major(s)?					
Response Option	Weight	Frequency	Percent	Percent Responses	
Accounting	(1)	1	12.50%	■	
Anthropology	(2)	0	0.00%		
Art History	(3)	0	0.00%		
Asian Studies	(4)	0	0.00%		
Biology	(5)	1	12.50%	■	
Chemistry	(6)	1	12.50%	■	
Classics	(7)	0	0.00%		
Computer Science	(8)	1	12.50%	■	
Economics	(9)	3	37.50%	■	
English	(10)	0	0.00%		
Environmental Studies	(11)	0	0.00%		
French	(12)	0	0.00%		
German	(13)	0	0.00%		
History	(14)	0	0.00%		
International Studies	(15)	0	0.00%		
Italian	(16)	0	0.00%		
Mathematics	(17)	1	12.50%	■	
Music	(18)	0	0.00%		
Philosophy	(19)	0	0.00%		
Physics	(20)	0	0.00%		
Political Science	(21)	0	0.00%		
Psychology	(22)	1	12.50%	■	
Religious Studies	(23)	0	0.00%		
Russian	(24)	0	0.00%		
Sociology	(25)	0	0.00%		
Spanish	(26)	0	0.00%		
Studies in World Literatures	(27)	0	0.00%		
Studio Art	(28)	0	0.00%		
Theatre	(29)	0	0.00%		
CIS/Student Designed Major	(30)	0	0.00%		
Response Rate		8/11 (72.73%)			

4 - If you checked "CIS/Student Designed Major" please list the title of your major below.	
Response Rate	0/11 (0%)

College of the Holy Cross
Fall 2022 Evaluations

Course: MATH_133_01_Fall2022: Calculus 1 with Fundamentals
Instructor: Neranga Fernando *
Response Rate: 9/11 (81.82 %)

5 - Q4. What is your minor(s), or concentration(s), if applicable?				
Response Option	Weight	Frequency	Percent	Percent Responses
Africana Studies	(1)	0	0.00%	
American Sign Language	(2)	0	0.00%	
Anthropology	(3)	0	0.00%	
Art History	(4)	0	0.00%	
Asian Studies	(5)	0	0.00%	
Biochemistry	(6)	0	0.00%	
Chinese	(7)	0	0.00%	
Computer Science	(8)	0	0.00%	
Creative Writing	(9)	0	0.00%	
Dance	(10)	0	0.00%	
Education	(11)	0	0.00%	
Environmental Studies	(12)	0	0.00%	
French	(13)	0	0.00%	
Gender, Sexuality, and Women's Studies	(14)	0	0.00%	
Geosciences	(15)	0	0.00%	
German	(16)	0	0.00%	
Italian	(17)	0	0.00%	
Latin American, Latinx, and Caribbean Studies	(18)	0	0.00%	
Peace and Conflict Studies	(19)	0	0.00%	
Philosophy	(20)	0	0.00%	
Physics	(21)	0	0.00%	
Religious Studies	(22)	0	0.00%	
Russian	(23)	0	0.00%	
Statistics	(24)	0	0.00%	
Studies in World Literatures	(25)	0	0.00%	
Studio Art	(26)	0	0.00%	
CIS/Student Designed Minor	(27)	0	0.00%	
Response Rate		0/11 (0%)		

6 - If you checked "CIS/Student Designed Minor" please list the title of your minor below.	
Response Rate	0/11 (0%)

7 - Q5. What is your approximate current GPA?				
Response Option	Weight	Frequency	Percent	Percent Responses
3.7 - 4.0	(1)	1	12.50%	
3.3 - 3.69	(2)	4	50.00%	
3.0 - 3.29	(3)	2	25.00%	
2.7 - 2.99	(4)	1	12.50%	
2.3 - 2.69	(5)	0	0.00%	
2.0 - 2.29	(6)	0	0.00%	
<2.0	(7)	0	0.00%	
				0 25 50 100
Response Rate		8/11 (72.73%)		

College of the Holy Cross

Fall 2022 Evaluations

Course: MATH_133_01_Fall2022: Calculus 1 with Fundamentals
Instructor: Neranga Fernando *
Response Rate: 9/11 (81.82 %)

8 - Q6. Please indicate the reason(s) you are taking this course. (Check all that apply.)

Response Option	Weight	Frequency	Percent	Percent Responses
Major requirement	(1)	8	88.89%	
Common area requirement	(2)	2	22.22%	
Concentration requirement	(3)	0	0.00%	
Minor requirement	(4)	0	0.00%	
Instructor	(5)	0	0.00%	
Interest in the course material	(6)	1	11.11%	
My advisor recommended it	(7)	0	0.00%	
Time/day offered	(8)	0	0.00%	
Friends are taking it	(9)	0	0.00%	
Response Rate	9/11 (81.82%)			

9 - Other, please specify:

Response Rate	0/11 (0%)
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10 - Q7. Please describe your level of investment in this course. By investment, we mean the time, energy, and commitment you put into this course.

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Very High	(5)	5	55.56%				
High	(4)	4	44.44%				
Moderate	(3)	0	0.00%				
Low	(2)	0	0.00%				
Very Low	(1)	0	0.00%				
Response Rate				9/11 (81.82%)	Mean	STD	Median
					4.56	0.53	5.00

- I complete all homework and participate actively in class.
- Calc is important for economics and/or accounting.
- Every day work and effort.
- Often go to office hours and always complete all work.
- During this course, I participated in TA sessions, office hours, and e-stem workshops in order to stay ahead and on top of my work. I did nightly review to also assure that I was on top of my work.



11 - Q8. How would you rate your performance for each of the following course requirements?



a. I read or viewed all of the assigned materials





Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Strongly agree	(4)	9	100.00%				
Somewhat agree	(3)	0	0.00%				
Somewhat disagree	(2)	0	0.00%				
Strongly disagree	(1)	0	0.00%				
Response Rate				9/11 (81.82%)	Mean	STD	Median
					4.00	0.00	4.00





College of the Holy Cross
Fall 2022 Evaluations

Course: MATH_133_01_Fall2022: Calculus 1 with Fundamentals
Instructor: Neranga Fernando *
Response Rate: 9/11 (81.82 %)

11 - Q8. How would you rate your performance for each of the following course requirements?									
b. I did my best to complete all of my assignments									
Response Option	Weight	Frequency	Percent	Percent Responses	Means				
Strongly agree	(4)	9	100.00%			4.00			
Somewhat agree	(3)	0	0.00%						
Somewhat disagree	(2)	0	0.00%						
Strongly disagree	(1)	0	0.00%						
				0	25	50	100	Question	
Response Rate				Mean		STD		Median	
9/11 (81.82%)				4.00		0.00		4.00	

11 - Q8. How would you rate your performance for each of the following course requirements?									
c. With the exception of excused absences, I attended the class all of the time									
Response Option	Weight	Frequency	Percent	Percent Responses	Means				
Strongly agree	(4)	9	100.00%			4.00			
Somewhat agree	(3)	0	0.00%						
Somewhat disagree	(2)	0	0.00%						
Strongly disagree	(1)	0	0.00%						
				0	25	50	100	Question	
Response Rate				Mean		STD		Median	
9/11 (81.82%)				4.00		0.00		4.00	

11 - Q8. How would you rate your performance for each of the following course requirements?									
d. I actively participated in class (e.g., asked questions, responded to others' questions, etc.)									
Response Option	Weight	Frequency	Percent	Percent Responses	Means				
Strongly agree	(4)	7	77.78%			3.67			
Somewhat agree	(3)	1	11.11%						
Somewhat disagree	(2)	1	11.11%						
Strongly disagree	(1)	0	0.00%						
				0	25	50	100	Question	
Response Rate				Mean		STD		Median	
9/11 (81.82%)				3.67		0.71		4.00	

11 - Q8. How would you rate your performance for each of the following course requirements?									
e. I helped contribute to a positive learning environment in class (e.g., engaged with classmates in or out of class, participated actively in group work, etc.)									
Response Option	Weight	Frequency	Percent	Percent Responses	Means				
Strongly agree	(4)	6	66.67%			3.56			
Somewhat agree	(3)	2	22.22%						
Somewhat disagree	(2)	1	11.11%						
Strongly disagree	(1)	0	0.00%						
				0	25	50	100	Question	
Response Rate				Mean		STD		Median	
9/11 (81.82%)				3.56		0.73		4.00	

College of the Holy Cross

Fall 2022 Evaluations

Course: MATH_133_01_Fall2022: Calculus 1 with Fundamentals
Instructor: Neranga Fernando *
Response Rate: 9/11 (81.82 %)

12 - Q9. Did you work with your professor outside of class (i.e. visited office hours, made individual appointments, attended review sessions, etc.)					
Response Option	Weight	Frequency	Percent	Percent Responses	Means
Yes	(1)	9	100.00%		
No	(2)	0	0.00%		
				0 25 50 100	
Response Rate					
9/11 (81.82%)					

13 - Q9a. Please list the reason(s) that you did work with your professor outside of class.	
Response Rate	9/11 (81.82%)
<ul style="list-style-type: none"> • office hours many times • He was very available and I often had questions about that class day, or homework. • 2nd Midterm review • I was confused on things so I went to his office hours for help. • To understand material more. Ask questions. • Help to explain things • I did not understand the material in class and he explained it during office hours • I worked with my professor in order to review homework problems and potential quiz concepts. • extra help with material. exam prep 	

14 - Q9b. Please explain why you did not work with your professor outside of class.	
Response Rate	0/11 (0%)

15 - Q10. Please indicate the extent to which you agree or disagree with the following statement.					
The course content deepened my understanding of the subject matter (e.g., factual knowledge, understanding of concepts and theories, etc.)					
Response Option	Weight	Frequency	Percent	Percent Responses	Means
Strongly agree	(4)	7	77.78%		
Somewhat agree	(3)	2	22.22%		
Somewhat disagree	(2)	0	0.00%		
Strongly disagree	(1)	0	0.00%		
				0 25 50 100	Question
Response Rate			Mean	STD	Median
9/11 (81.82%)			3.78	0.44	4.00

16 - Q10a. Please explain explain your response to this statement: "The course content deepened my understanding of the subject matter (e.g., factual knowledge, understanding of concepts and theories, etc.)"	
Response Rate	9/11 (81.82%)
<ul style="list-style-type: none"> • I learned alot about math • I had never taken calc in high school and I feel I learned a lot in this course. • I had never taken a Calc 1 class so I believe I learned a lot • I learned more about calculus 1. • Professor did a great job of applying the knowledge to real life and making it a universal tool. • IT did • I am now able to complete math problems that I was not able to prior to the course. I also feel prepared to take calculus 2. • Through this course I learned more, however it was a challenge overall. I worked to understand the concepts however not all of them came easily. • everything that I have learned has been furthering my knowledge on other material that we have learned outside of class 	

College of the Holy Cross

Fall 2022 Evaluations

Course: MATH_133_01_Fall2022: Calculus 1 with Fundamentals
Instructor: Neranga Fernando *
Response Rate: 9/11 (81.82 %)

17 - Q11. Please indicate the extent to which you agree or disagree with the following statement.

The course content deepened my interest in the subject matter

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Strongly agree	(4)	3	33.33%		
Somewhat agree	(3)	3	33.33%		
Somewhat disagree	(2)	3	33.33%		
Strongly disagree	(1)	0	0.00%		
				0 25 50 100	Question
Response Rate			Mean	STD	Median
9/11 (81.82%)			3.00	0.87	3.00

18 - Q11a. Please explain explain your response to this statement: "The course content deepened my interest in the subject matter"

Response Rate 9/11 (81.82%)

- Now im ready for calc 2
- I dont love math and I dont think I ever will, but this class showed me that I could be good at it.
- I am not the biggest fan of Calc
- I found I have an interest for calculus.
- I had already liked math, but the way the professor taught us helped peak my interest in this type of math.
- I love math but stressful class
- I am not necessarily interested in calculus.
- While I worked to understand the concepts, I did not overall show an interest in the subject matter. Rather, I know it is something that I need to do so I do it.
- Some parts of the class I did like but others dragged on. Some material was fun but others really hard.

19 - Q12. Please indicate the extent to which you agree or disagree with the following statement.

The course was well organized

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Strongly agree	(4)	8	88.89%		
Somewhat agree	(3)	1	11.11%		
Somewhat disagree	(2)	0	0.00%		
Strongly disagree	(1)	0	0.00%		
				0 25 50 100	Question
Response Rate			Mean	STD	Median
9/11 (81.82%)			3.89	0.33	4.00

20 - Q12a. Please explain explain your response to this statement: "The course was well organized"

Response Rate 9/11 (81.82%)

- Everything was on canvas or textbook
- Canvas was extremely easy to decipher.
- We are always told what to review
- I liked the organization of the sections.
- Professor followed syllabus and went in chronological order so that everything was understood.
- Problems with organization from teacher.
- Professor was always quick to respond to emails and any question we had regarding the course.
- Followed the syllabus and teachers canvas posts as instructed.
- The course was organized but very fast.

College of the Holy Cross

Fall 2022 Evaluations

Course: MATH_133_01_Fall2022: Calculus 1 with Fundamentals
Instructor: Neranga Fernando *
Response Rate: 9/11 (81.82 %)

21 - Q13. Please indicate the extent to which you agree or disagree with the following statement.

The course gave me enough opportunities to demonstrate my learning

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Strongly agree	(4)	7	77.78%		
Somewhat agree	(3)	2	22.22%		
Somewhat disagree	(2)	0	0.00%		
Strongly disagree	(1)	0	0.00%		
				0 25 50 100	Question
Response Rate			Mean	STD	Median
9/11 (81.82%)			3.78	0.44	4.00

22 - Q13a. Please explain explain your response to this statement: "The course gave me enough opportunities to demonstrate my learning"

Response Rate 9/11 (81.82%)

- there has been plenty of things to show i know what im talking about
- With the weekly quiz's and homeworks I can show that I am understanding what is going on.
- A lot of examples
- A lot of opportunities to redeem oneself, (webwork).
- We did group work once a week, as well as answered problems in class on the board.
- Quiz's
- Thier was weekly homework and quizzes which allowed me to see if I understood the material.
- Through weekly quizzes and class participation, I was able to demonstrate my learning
- exams and working with the professor gave me a chance to show what I knew

23 - Q14. We are interested in learning how the course helped you develop skills and abilities beyond your understanding and appreciation of the course content. Please check the skill or ability that you believe you most developed as a result of taking this course.(Please note that the options below are not expected to apply to every course).This course most improved my . . .

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Critical thinking skills	(1)	2	22.22%		
Oral communication skills	(2)	0	0.00%		
Creative thinking skills	(3)	0	0.00%		
Writing ability	(4)	0	0.00%		
Close reading skills	(5)	0	0.00%		
Research skills	(6)	0	0.00%		
Problem-solving skills	(7)	7	77.78%		
Ability to collaborate with others	(8)	0	0.00%		
Ability to make connections across disciplines	(9)	0	0.00%		
Ability to use information resources and technology	(10)	0	0.00%		
Spiritual development	(11)	0	0.00%		
Personal development	(12)	0	0.00%		
Awareness of social justice issues	(13)	0	0.00%		
				0 25 50 100	
Response Rate					
9/11 (81.82%)					

24 - Other, please specify:

Response Rate 1/11 (9.09%)

- These problems really made me think deeply about the content and analyze problems

College of the Holy Cross

Fall 2022 Evaluations

Course: MATH_133_01_Fall2022: Calculus 1 with Fundamentals
Instructor: Neranga Fernando *
Response Rate: 9/11 (81.82 %)

25 - Q14a. We are interested in learning how the course helped you develop skills and abilities beyond your understanding and appreciation of the course content. Please check the skill or ability that you believe you next most developed as a result of taking this course.(Please note that the options below are not expected to apply to every course).This course most improved my . . .

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Critical thinking skills	(1)	2	22.22%		
Oral communication skills	(2)	0	0.00%		
Creative thinking skills	(3)	3	33.33%		
Writing ability	(4)	0	0.00%		
Close reading skills	(5)	0	0.00%		
Research skills	(6)	0	0.00%		
Problem-solving skills	(7)	2	22.22%		
Ability to collaborate with others	(8)	1	11.11%		
Ability to make connections across disciplines	(9)	0	0.00%		
Ability to use information resources and technology	(10)	0	0.00%		
Spiritual development	(11)	0	0.00%		
Personal development	(12)	1	11.11%		
Awareness of social justice issues	(13)	0	0.00%		
				0 25 50 100	
Response Rate					
9/11 (81.82%)					

26 - Other, please specify:

Response Rate 1/11 (9.09%)

- Had to keep trying at problems even if I got it wrong the first method

27 - Q15. What elements in this course were most valuable to your learning? Please consider specific course activities and/or materials and how they affected your thinking about the course content (e.g., use of readings, class time, lectures, group work, problem sets, films, labs, reflections, etc.)

Response Rate 9/11 (81.82%)

- Group work
- The group work on Fridays
- Doing many class examples
- Lectures.
- Most valuable was the class time. The professor showed every step in each unit as to make sure that everybody was on the same page. And when people fell behind he would take steps back as to make sure they were caught up with the rest of the class.
- Important class if I want to be a math major.
- The homeworks and quizzes. If I did not do well on a homework assignment or quiz it made me acknowledge the fact that I needed to do more in regards to that topic.
- Class lectures and TA sessions were most valuable to my learning. Through the TA session, our lecture would be reviewed and we could go faster or slower depending on how the class was feeling.
- Everything and learning new topics each class

28 - Q16. What, if anything, would you improve about this course? Please be as specific as possible.

Response Rate 9/11 (81.82%)

- More ways to get good grades
- I wish professor would move just a little slower.
- not too much
- Most of the time the class is great but there are some times when prof. gets carried away and begins to lecture at very high speeds. I understand prof. is just passionate about the subject but for us students it can be overwhelming.
- I think the course is perfect and would not change anything.
- Organization and speed.
- The course was fair
- Going over the lectures more slowly.
- less midterms

College of the Holy Cross
Fall 2022 Evaluations

Course: MATH_133_01_Fall2022: Calculus 1 with Fundamentals
Instructor: Neranga Fernando *
Response Rate: 9/11 (81.82 %)

29 - Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.

a.The instructor explained the material clearly

Neranga Fernando

Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Strongly agree	(4)	4	44.44%		3.44	
Somewhat agree	(3)	5	55.56%			
Somewhat disagree	(2)	0	0.00%			
Strongly disagree	(1)	0	0.00%			
Response Rate				Mean	STD	Median
9/11 (81.82%)				3.44	0.53	3.00

29 - Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.

b. The instructor presented the material in an engaging way

Neranga Fernando

Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Strongly agree	(4)	4	44.44%		3.33	
Somewhat agree	(3)	4	44.44%			
Somewhat disagree	(2)	1	11.11%			
Strongly disagree	(1)	0	0.00%			
Response Rate				Mean	STD	Median
9/11 (81.82%)				3.33	0.71	3.00

29 - Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.

c. The instructor was accessible outside of class

Neranga Fernando

Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Strongly agree	(4)	8	88.89%		3.89	
Somewhat agree	(3)	1	11.11%			
Somewhat disagree	(2)	0	0.00%			
Strongly disagree	(1)	0	0.00%			
Response Rate				Mean	STD	Median
9/11 (81.82%)				3.89	0.33	4.00

29 - Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.

d. The instructor was helpful in office hours

Neranga Fernando

Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Strongly agree	(4)	7	77.78%		3.67	
Somewhat agree	(3)	1	11.11%			
Somewhat disagree	(2)	1	11.11%			
Strongly disagree	(1)	0	0.00%			
Response Rate				Mean	STD	Median
9/11 (81.82%)				3.67	0.71	4.00

College of the Holy Cross
Fall 2022 Evaluations

Course: MATH_133_01_Fall2022: Calculus 1 with Fundamentals
Instructor: Neranga Fernando *
Response Rate: 9/11 (81.82 %)

29 - Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.

e. The instructor's expectations and standards for grading were clear

Neranga Fernando

Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Strongly agree	(4)	7	77.78%		3.67	
Somewhat agree	(3)	1	11.11%			
Somewhat disagree	(2)	1	11.11%			
Strongly disagree	(1)	0	0.00%			
Response Rate				Mean	STD	Median
9/11 (81.82%)				3.67	0.71	4.00

29 - Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.

f. The instructor provided helpful feedback on assignments

Neranga Fernando

Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Strongly agree	(4)	5	55.56%		3.44	
Somewhat agree	(3)	3	33.33%			
Somewhat disagree	(2)	1	11.11%			
Strongly disagree	(1)	0	0.00%			
Response Rate				Mean	STD	Median
9/11 (81.82%)				3.44	0.73	4.00

29 - Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.

g. The instructor set high standards for students

Neranga Fernando

Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Strongly agree	(4)	9	100.00%		4.00	
Somewhat agree	(3)	0	0.00%			
Somewhat disagree	(2)	0	0.00%			
Strongly disagree	(1)	0	0.00%			
Response Rate				Mean	STD	Median
9/11 (81.82%)				4.00	0.00	4.00

30 - Q18. The instructor promoted a positive learning environment in the following ways.(Check all that apply).

Response Option	Weight	Frequency	Percent	Percent Responses	
Encouraged students to take intellectual risks	(1)	6	66.67%		
Encouraged everyone's involvement in class	(2)	7	77.78%		
Showed concern for students	(3)	4	44.44%		
Was respectful of different points of view/diverse perspectives	(4)	2	22.22%		
Created a safe atmosphere for learning and sharing of ideas	(5)	5	55.56%		
Response Rate	9/11 (81.82%)				

31 - Other, please share:

Response Rate	0/11 (0%)
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College of the Holy Cross

Fall 2022 Evaluations

Course: MATH_133_01_Fall2022: Calculus 1 with Fundamentals
Instructor: Neranga Fernando *
Response Rate: 9/11 (81.82 %)

32 - Q19. Overall, how would you rate the quality of instruction?

Neranga Fernando

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Excellent	(4)	3	33.33%		3.22
Good	(3)	5	55.56%		
Average	(2)	1	11.11%		
Poor	(1)	0	0.00%		
				0 25 50 100	Question
Response Rate			Mean	STD	Median
9/11 (81.82%)			3.22	0.67	3.00

33 - Q20. Overall, how would you rate this course?

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Excellent	(4)	2	22.22%		3.00
Good	(3)	5	55.56%		
Average	(2)	2	22.22%		
Poor	(1)	0	0.00%		
				0 25 50 100	Question
Response Rate			Mean	STD	Median
9/11 (81.82%)			3.00	0.71	3.00

34 - Q21. Please share any additional thoughts about the course here.

Response Rate 9/11 (81.82%)

- none
- Professor is a great teacher he just moves really fast and expects everyone to understand.
- Four times a week plus a mandatory TA session is a lot of commitment
- None.
- N/A
- Great teacher and good person. But lots of organization issues like putting things on quiz that not supposed to be there. He is very focused on completing content that he might rush through sometimes. Could be better in office hours.
- The course was fair and enjoyable during class time.
- TA Sessions were the most valuable resource. This could be expanded upon to do more work with TA's
- good course. could use less midterms

College of the Holy Cross

Fall 2022 Evaluations

Course: MATH_241_01_Fall2022: Multivariable Calculus

Instructor: Neranga Fernando *

Response Rate: 23/24 (95.83 %)

Question		1	2	3	4
Q1. Please indicate your class level:	n	5	16	1	1
	%	21.74%	69.57%	4.35%	4.35%

Scale: 1 = First Year, 2 = Second Year, 3 = Third Year, 4 = Fourth Year

Q2. What is your gender?
• Male
• Male
• female
• Female
• Male
• Female
• female
• Male
• female
• Male
• Male
• Male
• Female/Woman
• male
• female
• Female
• Male
• Woman
• Female

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Fall 2022 Evaluations

Course: MATH_241_01_Fall2022: Multivariable Calculus

Instructor: Neranga Fernando *

Response Rate: 23/24 (95.83 %)

Question	Q3. What is your major(s)?	n	%
1	Accounting	1	5.00%
2	Anthropology	0	0.00%
3	Art History	0	0.00%
4	Asian Studies	0	0.00%
5	Biology	0	0.00%
6	Chemistry	1	5.00%
7	Classics	1	5.00%
8	Computer Science	3	15.00%
9	Economics	3	15.00%
10	English	0	0.00%
11	Environmental Studies	0	0.00%
12	French	0	0.00%
13	German	0	0.00%
14	History	0	0.00%
15	International Studies	0	0.00%
16	Italian	0	0.00%
17	Mathematics	12	60.00%
18	Music	0	0.00%
19	Philosophy	0	0.00%
20	Physics	5	25.00%
21	Political Science	1	5.00%
22	Psychology	0	0.00%
23	Religious Studies	0	0.00%
24	Russian	0	0.00%
25	Sociology	0	0.00%
26	Spanish	0	0.00%
27	Studies in World Literatures	0	0.00%
28	Studio Art	0	0.00%
29	Theatre	0	0.00%
30	CIS/Student Designed Major	1	5.00%

If you checked "CIS/Student Designed Major" please list the title of your major below.

• Neuroscience

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Fall 2022 Evaluations

Course: MATH_241_01_Fall2022: Multivariable Calculus
Instructor: Neranga Fernando *
Response Rate: 23/24 (95.83 %)

Question	Q4. What is your minor(s), or concentration(s), if applicable?	n	%
1	Africana Studies	0	0.00%
2	American Sign Language	0	0.00%
3	Anthropology	0	0.00%
4	Art History	0	0.00%
5	Asian Studies	0	0.00%
6	Biochemistry	0	0.00%
7	Chinese	0	0.00%
8	Computer Science	0	0.00%
9	Creative Writing	0	0.00%
10	Dance	0	0.00%
11	Education	0	0.00%
12	Environmental Studies	0	0.00%
13	French	1	33.33%
14	Gender, Sexuality, and Women's Studies	0	0.00%
15	Geosciences	0	0.00%
16	German	0	0.00%
17	Italian	0	0.00%
18	Latin American, Latinx, and Caribbean Studies	0	0.00%
19	Peace and Conflict Studies	0	0.00%
20	Philosophy	0	0.00%
21	Physics	0	0.00%
22	Religious Studies	0	0.00%
23	Russian	0	0.00%
24	Statistics	2	66.67%
25	Studies in World Literatures	0	0.00%
26	Studio Art	0	0.00%
27	CIS/Student Designed Minor	0	0.00%

If you checked "CIS/Student Designed Minor" please list the title of your minor below.

Question		1	2	3	4	5	6	7
Q5. What is your approximate current GPA?	n	9	7	2	2	1	0	0
	%	42.86%	33.33%	9.52%	9.52%	4.76%	0.00%	0.00%

Scale: 1 = 3.7 - 4.0, 2 = 3.3 - 3.69, 3 = 3.0 - 3.29, 4 = 2.7 - 2.99, 5 = 2.3 - 2.69, 6 = 2.0 - 2.29, 7 = <2.0

Question		1	2	3	4	5	6	7	8	9
Q6. Please indicate the reason(s) you are taking this course. (Check all that apply.)	n	19	1	1	0	1	8	1	2	0
	%	82.61%	4.35%	4.35%	0.00%	4.35%	34.78%	4.35%	8.70%	0.00%

Scale: 1 = Major requirement, 2 = Common area requirement, 3 = Concentration requirement, 4 = Minor requirement, 5 = Instructor, 6 = Interest in the course material, 7 = My advisor recommended it, 8 = Time/day offered, 9 = Friends are taking it

Other, please specify:

• Maybe minor/major

College of the Holy Cross

Fall 2022 Evaluations

Course: MATH_241_01_Fall2022: Multivariable Calculus
Instructor: Neranga Fernando *
Response Rate: 23/24 (95.83 %)

Question		5	4	3	2	1	Mean	Std	Median
Q7. Please describe your level of investment in this course. By investment, we mean the time, energy, and commitment you put into this course.	n	13	9	1	0	0	4.52	0.59	5.00
	%	56.52%	39.13%	4.35%	0.00%	0.00%			
<ul style="list-style-type: none"> • Did all hw and tests efficiently but did not spend the most attention to this course • Interestinga • I attend almost every office hours, I study for hours for each exam, and I complete all the homework to the best of my ability. • Several hours of teaching subject matter to myself and studying • This course comes with a lot of time investment. This time includes completing lengthy homework and preparing for quizzes and exams. • I spent a significant amount of time preparing for exams, completing homework, and learning in office hours. • I tend to spend more time on the course work for this class than some of the other courses. • This course is the one I work the hardest in, and I put in time most nights doing work or studying. • I go to office hours, do all the practice problems, take notes in class, take notes on the textbook, all the homework in on time. • I could have studied more and spent more time on my homework, but otherwise I did everything i needed to. • In addition to completing all of the assignments, I go to office hours (usually for multiple hours) each week. When we have exams coming up, I dedicate most of my week and effort to preparing for them. • Hours spent on studying, office hours, homework and grade boosting opportunities • This course has presented me with more difficult concepts than any of my other current courses and requires many hours of preparation and work a week • There is a lot of new concepts that are unfamiliar with me, so I have to invest more time in this class as I need to pass it for my major requirement. • I attended office hours most days they were offered. I spent a good amount of hours a week outside of class time working on problems. I met with classmates to solve problems outside of class. • Did numerous practice problems • I do all homework and assignments as well as spend time studying. I could do a better job of studying more frequently and attending more office hours. • I go to office hours every week for a few hours in order to solidify my learning 									

Scale: 5 = Very High, 4 = High, 3 = Moderate, 2 = Low, 1 = Very Low

Question		4	3	2	1	Mean	Std	Median
Q8. How would you rate your performance for each of the following course requirements?: a. I read or viewed all of the assigned materials	n	19	4	0	0	3.83	0.39	4.00
	%	82.61%	17.39%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: b. I did my best to complete all of my assignments	n	20	3	0	0	3.87	0.34	4.00
	%	86.96%	13.04%	0.00%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: c. With the exception of excused absences, I attended the class all of the time	n	19	3	1	0	3.78	0.52	4.00
	%	82.61%	13.04%	4.35%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: d. I actively participated in class (e.g., asked questions, responded to others' questions, etc.)	n	11	8	4	0	3.30	0.76	3.00
	%	47.83%	34.78%	17.39%	0.00%			
Q8. How would you rate your performance for each of the following course requirements?: e. I helped contribute to a positive learning environment in class (e.g., engaged with classmates in or out of class, participated actively in group work, etc.)	n	19	3	1	0	3.78	0.52	4.00
	%	82.61%	13.04%	4.35%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

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Fall 2022 Evaluations

Course: MATH_241_01_Fall2022: Multivariable Calculus
Instructor: Neranga Fernando *
Response Rate: 23/24 (95.83 %)

Question		1	2
Q9. Did you work with your professor outside of class (i.e. visited office hours, made individual appointments, attended review sessions, etc.)	n	19	4
	%	82.61%	17.39%

Scale: 1 = Yes, 2 = No

Q9a. Please list the reason(s) that you did work with your professor outside of class.

- Quiz and test prep
- I needed help understanding the material
- went to office hours to get help on homework/review sessions to study for midterms
- I often felt that I could not fully understand the material without office hours.
- Office hours for quiz, homework, and exam review
- I set up an appointment for office hours since his set office hours were hard for me to meet.
- I attended Prof Fernando's office hours very frequently, usually once a week to go over quiz material or homework questions. These office hours were definitely essential to my success in the class and understanding of material. He was especially helpful in office hours right before exams.
- I worked with my professor outside of class because I believed that it was more helpful when we could go at a slower pace.
- I worked with Professor Fernando outside of class during office hours to further my understanding of the course material. While sometimes I was confused about the course material, other times I simply wanted to attend office hours because I learned new things.
- I went to office hours to get help on homework problems that I did not understand.
- I went over practice problems with my professor outside of class in order to understand the material.
- I was confused on the material or wanted to review for an upcoming quiz/midterm. Sometimes, I went because I needed help on homework assignments.
- Attended review sessions and office hours
- I have attended office hours to review exam material, ask questions about difficult homework questions, make up quizzes, and learn what I had missed if I was absent for a class
- There is a lot of materials that are being taught in each class, and not enough thorough/clear explanations when it comes to the materials that we need to know.
- I personally learn best by working through problems and doing examples, most of our lectures were very theory oriented and we often didn't have time to complete many examples. I attended office hours quite often so that I could go over examples and better understand the material.
- Reviewing extra concepts, practice problems, exam preparation.
- I went to office hours to make sure that I was understanding the material
- I went to office hours to go over what we learned that week and make sure I really understood it

Q9b. Please explain why you did not work with your professor outside of class.

- Learned material by myself
- I felt like I can handle most of the course materials myself
- In most cases, I either could not make it to the times offered, or simply did not need much help with the material.
- felt confident enough in my understanding of the material

Question		4	3	2	1	Mean	Std	Median
Q10. Please indicate the extent to which you agree or disagree with the following statement: The course content deepened my understanding of the subject matter (e.g., factual knowledge, understanding of concepts and theories, etc.)	n	19	3	1	0	3.78	0.52	4.00
	%	82.61%	13.04%	4.35%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

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Fall 2022 Evaluations

Course: MATH_241_01_Fall2022: Multivariable Calculus
Instructor: Neranga Fernando *
Response Rate: 23/24 (95.83 %)

Q10a. Please explain explain your response to this statement: "The course content deepened my understanding of the subject matter (e.g., factual knowledge, understanding of concepts and theories, etc.)"

- Knew more about 3D vectors and spaces due to teaching
- I learned a lot conceptually from this class, as well as new ways to solve math problems.
- It was taught well and the out of class resources were great
- I have learned a lot about multivariable calculus that I would have never known without the course.
- Learned valuable lessons and applications and theory of some of Multivariable Calculus
- I learned more about the same topics in my other classes this class wasn't very clear
- I was able to learn a lot about multivariable calculus since unlike some of my peers, I've never taken it before.
- This class took concepts from calc 1 and 2 and generalized them into three dimensions. I enjoyed this aspect of the course.
- I mean, now I know how to utilize calculus skills to solve problems regarding surface areas and volumes of complicated shapes
- This definitely helped closed the circle of calculus and explained the theories and answered many of the why? questions I had.
- Before this course, I had no knowledge of multivariable calculus, but I now understand vectors, planes, level curves and surfaces, double and triple integrals, among other topics.
- I feel that I understand concepts that I did not have a firm grasp on before this course much better now.
- The course taught me the material well
- I understood the material but i feel like my quiz grades and exam grades did not reflect that knowledge.
- I definitely learned a lot of new stuff about calculus and refreshed a lot of stuff that I learned in highschool.
- I did not know anything about multivariable calculus before this class and know I have learned a lot of new concepts.
- Theory is difficult to grasp but expanded my knowledge on the subject
- Many of these topics apply to other areas in my field of study, many of the formula's such as those for partial derivatives and apply to other classes that I'm currently taking
- I feel like I now know functions exists beyond just two variables, but there is a lot of materials that I am still unclear about.
- Multivariable calculus has used all of my knowledge from calculus one and two. This course built upon my past knowledge of calculus and brought it to new dimensions, quite literally. It was a very challenging course but it definitely deepened my understanding.
- Understood material better.
- I have learned a lot of information, concepts, and theories. This class is extensive and requires understanding of both the conceptual and mathematical approaches.
- I have learned a lot in regards to calculus and worked really hard for that

Question		4	3	2	1	Mean	Std	Median
Q11. Please indicate the extent to which you agree or disagree with the following statement.: The course content deepened my interest in the subject matter	n	9	9	5	0	3.17	0.78	3.00
	%	39.13%	39.13%	21.74%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

College of the Holy Cross

Fall 2022 Evaluations

Course: MATH_241_01_Fall2022: Multivariable Calculus
Instructor: Neranga Fernando *
Response Rate: 23/24 (95.83 %)

Q11a. Please explain explain your response to this statement: "The course content deepened my interest in the subject matter"

- Do not enjoy plain mathematics in graphs, enjoy more of the numbers side and applications
- I really like this course. Calculus is fascinating to me, and I wish there was a calc 4!
- It was interesting
- I really enjoy math as a subject, and taking my first math class in college affirmed my intentions to major in math. However, this class has made me a bit tired of calculus in general.
- This class isn't my favorite but still was interesting.
- I always find math interesting
- The content is interesting but the professors way of presenting the material was not engaging.
- I am excited to be done with Calculus after this semester, I definitely enjoy theoretical math concepts more.
- I think calculus III is fun and interesting, it makes me feel powerful to calculate things that I never thought I had the capability to compute
- I learned intricate ways on solving problems and different ways to view things in our word using calculus.
- I found the course material very interesting and engaging. Often, if placed in front of me homework from various classes, I almost always chose the math homework because of my interest in the subject matter.
- This course has made me more interested in different mathematical concepts and simply learning more about math as a whole.
- I really enjoyed the course material, and it reminded me why I want to pursue mathematics
- I really struggled in this class.
- My confidence in mathematics as a study has definitely wavered, but I am still interested in learning more.
- While I enjoy math and have enjoyed some of the things that we have covered, I found that the pacing of the course made it difficult for me to learn the new material and actually appreciate it in a timely manner.
- The course did not delve into the applications I expected, but the theory was interesting
- While we have covered a broad amount of topics in more depth than in previous courses, I'd like to learn more about the more difficult subjects
- I struggled a lot in this class, and I base myself off of grades most of the time. When I don't see the results that I expect/want, rather than motivating me, it deters me, which is what this class does often to me. A lot of materials that our professor expects us to know are in fact, not common sense, which is degrading to a lot of the students here as there is not a clear expectation of what he wants from his students. He expects us to do well on the exams, and even after the fact that I have gone to office hours and invested so much time in this course, I am deeply disappointed in how the turn out is. If the class was less exam heavy on the grading, I believe the pressure would fall less on my shoulder, and I would actually succeed in this class. This class made me want to drop the Math major, rather than continuing on.
- Although it was an extremely interesting course, it was very challenging and took up much more time and effort than I had expected. I would not want to take another multivariable calculus course in the near future.
- Made me more interested in mathematics.
- While I don't personally have a deeper interest in the subject matter, the material was presented in an engaging way.
- What we learn is really interesting and I love how everything builds off eachother

Question		4	3	2	1	Mean	Std	Median
Q12. Please indicate the extent to which you agree or disagree with the following statement.: The course was well organized	n	12	8	2	1	3.35	0.83	4.00
	%	52.17%	34.78%	8.70%	4.35%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

College of the Holy Cross

Fall 2022 Evaluations

Course: MATH_241_01_Fall2022: Multivariable Calculus
Instructor: Neranga Fernando *
Response Rate: 23/24 (95.83 %)

Q12a. Please explain explain your response to this statement: "The course was well organized"

- Quiz following homework assignments and tests over material
- The professor covered a lot of material in this course, and we always had a lot to do in class.
- The quizzes, homework, and problem sheets were good
- We often start with very theoretical concepts without many tangible examples, so it is challenging to follow along at times.
- This class was strictly lecture based, limited group work and collaboration even during lectures.
- Many things on canvas were mislabeled very confusing in class
- The course had set due dates for homework and set tests and quiz days.
- I think two exams worked great for the course. Weekly quizzes were also a great way to keep up to date with material and check for understanding. Homework assignments were long but I liked that there were only six all semester.
- The professor had everything scheduled and he almost never changed the schedule and the course material arrangement.
- It was clear when assignments were due and when we had exams.
- Each class was very similar to other classes, and Professor Fernando provided many worksheets and problems on Canvas that enabled us to practice what we learn.
- The professor seems to always finish the class on time and the way the course material is structured seems well-organized.
- The course built in itself and it was always clear how what we were doing related to the whole
- The syllabus was definitely stuck to, all changes were announced on canvas and in class. The syllabus gave a lot of helpful information regarding practice problems.
- Syllabus was well organized, lots of reminders in class and through email, always knew what i was responsible for
- While I would not say that this course was poorly organized, I would say that it was not well organized. Oftentimes, we were getting quizzed on sections from the previous chapter as we were learning the new chapter. It made it difficult to process information because I was trying to learn two different concepts at once.
- The pacing of the course definitely could have improved, felt as some important concepts were glossed over quickly
- The structure is intuitive, attend lectures and do the homework, this along with class hand-outs will be apt preparation for the quizzes, however there would be times where the homework was due after we would take a quiz and we would be quizzed on things that we technically wouldn't have needed to know at that point
- The exams are bad. The professor tells us what will be on the exam when he has not written it, so we are studying for something that we are unsure of without a guarantee that the materials we are going over will actually be on the exam—which in fact, is usually the case where he makes the exam the night before/the day of, and changing the materials that we should know to something that is much more complicated. There is not enough time to study for an exam when this is the case, as we are studying for the wrong materials.
- Dates of assignments, quizzes, and exams were clearly presented and communicated. If any changes were made we were told by our professor.
- Canvas was slightly disorganized, hard to tell what our grade in the class was.
- If the homework problems could be chosen even farther in advance and posted in one place on canvas instead of announcements, that would be very beneficial.
- We have lectures every class and quizzes most Fridays and know what to expect

Question		4	3	2	1	Mean	Std	Median
Q13. Please indicate the extent to which you agree or disagree with the following statement.: The course gave me enough opportunities to demonstrate my learning	n	17	4	1	1	3.61	0.78	4.00
	%	73.91%	17.39%	4.35%	4.35%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

College of the Holy Cross

Fall 2022 Evaluations

Course: MATH_241_01_Fall2022: Multivariable Calculus
Instructor: Neranga Fernando *
Response Rate: 23/24 (95.83 %)

Q13a. Please explain explain your response to this statement: "The course gave me enough opportunities to demonstrate my learning"

- Homework, quizzes, and tests
- Several quizzes and homework and midterms was enough.
- There were enough ways to demonstrate learning in ways other than tests. I am a big fan of the quizzes
- we have exams, quizzes, and homeworks.
- Quizzes were fine, two midterms allowed for little improvement
- Sometimes hard to demonstrate learning because we were tested on things that weren't in this course. Sometimes tested more on our overall math ability not just material of the course
- The professor only gives 2 exams.
- Weekly quizzes were the best for ourselves and Prof Fernando to check for understanding.
- There are numerous group work opportunities.
- Through exams, quizzes and homework.
- With 10 total quizzes and only 7 being counted, I believe 6 homework assignments, and 2 midterm exams, there were plenty of opportunities to demonstrate my learning.
- There were enough quizzes and exams and homework to show my learning,
- Through numerous quizzes and tests, there were plenty of opportunities to demonstrate learning
- There were 7 quizzes and 6 homework assignments as well as 3 exams.
- Lots of assignments and questions in lecture
- The quizzes and homework allowed me to show my learning. The difficulty of the first midterm did not allow me to show that but the second midterm definitely did.
- Plenty of opportunities including hw, review, office hours and in class problems
- The lectures are interactive, we would be called on or asked questions every class, there were plenty of quizzes and homework assignments to help us get a feel for what we needed to work more on.
- As I mentioned before, this class is very exam heavy, and I believe that I know more than my exam grades.
- We had plenty of homework assignments, quizzes, and exams.
- Exams weighted heavy, many quizzes and homework did not add up, but the extra credit was good for recovering lost points.
- We had a lot of quizzes. However, I do wish there was another test. Having just two breaks the material up into very large sections.
- with quizzes and exams, I was able to show what I learned

Question	Q14. We are interested in learning how the course helped you develop skills and abilities beyond your understanding and appreciation of the course content. Please check the skill or ability that you believe you most developed as a result of taking this course. (Please note that the options below are not expected to apply to every course). This course most improved my . . .	n	%
1	Critical thinking skills	6	26.09%
2	Oral communication skills	0	0.00%
3	Creative thinking skills	2	8.70%
4	Writing ability	0	0.00%
5	Close reading skills	0	0.00%
6	Research skills	0	0.00%
7	Problem-solving skills	14	60.87%
8	Ability to collaborate with others	1	4.35%
9	Ability to make connections across disciplines	0	0.00%
10	Ability to use information resources and technology	0	0.00%
11	Spiritual development	0	0.00%
12	Personal development	0	0.00%
13	Awareness of social justice issues	0	0.00%

Other, please specify:

College of the Holy Cross

Fall 2022 Evaluations

Course: MATH_241_01_Fall2022: Multivariable Calculus
Instructor: Neranga Fernando *
Response Rate: 23/24 (95.83 %)

Question	Q14a. We are interested in learning how the course helped you develop skills and abilities beyond your understanding and appreciation of the course content. Please check the skill or ability that you believe you next most developed as a result of taking this course. (Please note that the options below are not expected to apply to every course). This course most improved my . . .	n	%
1	Critical thinking skills	8	34.78%
2	Oral communication skills	0	0.00%
3	Creative thinking skills	1	4.35%
4	Writing ability	0	0.00%
5	Close reading skills	0	0.00%
6	Research skills	0	0.00%
7	Problem-solving skills	9	39.13%
8	Ability to collaborate with others	3	13.04%
9	Ability to make connections across disciplines	2	8.70%
10	Ability to use information resources and technology	0	0.00%
11	Spiritual development	0	0.00%
12	Personal development	0	0.00%
13	Awareness of social justice issues	0	0.00%

Other, please specify:

Q15. What elements in this course were most valuable to your learning? Please consider specific course activities and/or materials and how they affected your thinking about the course content (e.g., use of readings, class time, lectures, group work, problem sets, films, labs, reflections, etc.)

- Practice problems in class
- Solving problems in class - seeing the applications of the theories and equations - was by far the most helpful.
- The homework and lectures
- group work, in class examples, and office hours have been most valuable.
- Office hours and group work to allow for learning at a different pace than in lecture
- The textbook was by far the most valuable thing.
- The most valuable part to my learning was class time of going over examples together, problems sheets, and the homework.
- Office hours were definitely the best way I was able to learn through this course. Lectures went fast through material, so extra time with Prof Fernando after I had looked over the material made the material click for me.
- Learning and acquiring the ability to trace lines, approximate according to tangent, etc.
- The most valuable elements were the office hours.
- I believe the problem sheets were very important to my learning. The problem sheets offered me a good breadth of different types of questions so that I was able to really develop an understanding of the course material. Especially for double and triple integrals, the problem sets/worksheets were very helpful.
- I think the homework was the most helpful in this course because helped reinforce the material that we learned in class and I think it helped me do better on quizzes.
- The problem sheets were a stellar resource for wrapping my head around the material
- The homework assignments and group work.
- Homework was definitely the thing most valuable to my learning because it really forced me to actually apply my learning and the problems given were usually harder than the material in class.
- Problem sheets and homework problems from the textbook were the most valuable to my learning. I learn best by doing examples and seeing practice problems worked out so this was super helpful.
- The content of the course has many applications outside of class, so the problem solving skills to apply these techniques are the most valuable
- Homework/class handouts are probably the most helpful parts of the class, as understanding the process is different than actually being able to replicate it.
- Office hours and group work
- Class time and office were most valuable to me. Also, the abundance of practice problems given was very helpful.
- Practice problems and problem sheets.
- I think the lectures and problem sets were the most useful when learning the material
- I learned to be very independent and codependent in my learning - I spent time on my own to learn and also worked with others in order to do so

College of the Holy Cross

Fall 2022 Evaluations

Course: MATH_241_01_Fall2022: Multivariable Calculus

Instructor: Neranga Fernando *

Response Rate: 23/24 (95.83 %)

Q16. What, if anything, would you improve about this course? Please be as specific as possible.

- N/a
- I would probably provide 3 midterms to students instead of 2.
- The solutions to the problem sheets to be posted sooner
- I would do more in class examples and I would ask for more time given to allow students to begin solving the problems on their own. Often times we are given a problem and Professor Fernando immediately starts to solve it. I wish I could try to reason things out on my own.
- More group work and slower lecture
- I would improve how the class is structure. Class time wasn't utilized well with the lecture often not being clear. The test are made to confuse us rather than test our knowledge on topics we have learned.
- I would actually explain everything to students. There is a lot of times when the professor would simply assume everyone knows how to do something.
- I wish that Prof Fernando could post his lecture notes. Fernando only wrote on the chalk board so nothing was ever copied. Keeping up in my notes was difficult because of the speed that he wrote. If he could post some sort of lecture notes it would have been helpful to look back at.
- Nothing.
- I would teach only two standards a day, doing three different topics in a day is very confusing.
- I do not think I would change anything about this course.
- I think there is very little to improve on.
- Nothing in particular
- The grading standards were very unclear and I felt like there were many points taken off of quizzes especially for things that did not warrant that many points off (one sign error causing 5 points off of a 20 point quiz).
- i think its good as is
- I would ask that more examples be done in class (and fewer proofs be shown). Oftentimes, I would learn theoretical information in class but did not know what any questions related to that material would look like. It was hard for me to ask questions in class when I did not know what was or wasn't important. I also would advise that office hours be treated a bit less like class hours.
- Pacing.
- Make exam questions more in line with what we had previously worked on by making them less obscure, and perhaps find a way to make the homework come back graded before a quiz as then we can get feedback on it to help us study.
- Do a weekly/biweekly check in by reinforcing groupworks/group projects for us to collaborate with others and learn from our peers.
- I personally would suggest going through examples during class as it helps to see applications of the different topics. Also, materials for review (just worksheets reviewing integrals and derivatives, trig, etc.) would have been very helpful for me. I'm not suggesting you review in class, but if you could grab a problem sheet or two from clac one and two to jog our memories I would have appreciated it.
- More clear lectures, sometimes problem sheets are hard to solve without professor help.
- Another test would be helpful
- I think more examples and word problems in class that we do together as well as a slower pace

College of the Holy Cross

Fall 2022 Evaluations

Course: MATH_241_01_Fall2022: Multivariable Calculus
Instructor: Neranga Fernando *
Response Rate: 23/24 (95.83 %)

Question		4	3	2	1	Mean	Std	Median
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: a. The instructor explained the material clearly: Neranga Fernando	n	9	10	3	1	3.17	0.83	3.00
	%	39.13%	43.48%	13.04%	4.35%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: b. The instructor presented the material in an engaging way: Neranga Fernando	n	15	6	2	0	3.57	0.66	4.00
	%	65.22%	26.09%	8.70%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: c. The instructor was accessible outside of class: Neranga Fernando	n	22	1	0	0	3.96	0.21	4.00
	%	95.65%	4.35%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: d. The instructor was helpful in office hours: Neranga Fernando	n	20	3	0	0	3.87	0.34	4.00
	%	86.96%	13.04%	0.00%	0.00%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: e. The instructor's expectations and standards for grading were clear: Neranga Fernando	n	16	4	1	2	3.48	0.95	4.00
	%	69.57%	17.39%	4.35%	8.70%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: f. The instructor provided helpful feedback on assignments: Neranga Fernando	n	16	5	0	2	3.52	0.90	4.00
	%	69.57%	21.74%	0.00%	8.70%			
Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.: g. The instructor set high standards for students: Neranga Fernando	n	23	0	0	0	4.00	0.00	4.00
	%	100.00%	0.00%	0.00%	0.00%			

Scale: 4 = Strongly agree, 3 = Somewhat agree, 2 = Somewhat disagree, 1 = Strongly disagree

Question		1	2	3	4	5
Q18. The instructor promoted a positive learning environment in the following ways. (Check all that apply).	n	19	18	18	16	16
	%	82.61%	78.26%	78.26%	69.57%	69.57%

Scale: 1 = Encouraged students to take intellectual risks, 2 = Encouraged everyone's involvement in class, 3 = Showed concern for students, 4 = Was respectful of different points of view/diverse perspectives, 5 = Created a safe atmosphere for learning and sharing of ideas

Other, please share:

• I know myself and other students want Professor Fernando to spend a little less time on theory and a little more time on examples and problems. He is known for putting very hard problems on quizzes and tests, so doing some hard problems in class would be helpful.

Question		4	3	2	1	Mean	Std	Median
Q19. Overall, how would you rate the quality of instruction?: Neranga Fernando	n	12	7	3	1	3.30	0.88	4.00
	%	52.17%	30.43%	13.04%	4.35%			
Q20. Overall, how would you rate this course?	n	9	8	4	2	3.04	0.98	3.00
	%	39.13%	34.78%	17.39%	8.70%			

Scale: 4 = Excellent, 3 = Good, 2 = Average, 1 = Poor

College of the Holy Cross

Fall 2022 Evaluations

Course: MATH_241_01_Fall2022: Multivariable Calculus
Instructor: Neranga Fernando *
Response Rate: 23/24 (95.83 %)

Q21. Please share any additional thoughts about the course here.

- N/A
- Would highly recommend.
- good course
- I really enjoy Professor Fernando and it is evident he cares about his students. You can tell he is very intelligent, but at times he goes a bit too fast through examples.
- Professor Fernando is a great professor, though his class is challenging
- Classes would often cover material that wasn't important and would just confuse everyone more
- Professor Fernando assumes everyone knows the material or computations. I specifically don't like that throughout class all he says is "Remember" or "for my physics majors". I'm not a physics major nor do I remember every single thing from calculus 1, therefore it is hard to follow along bc we don't get much refreshers. In addition, I believe that he does challenge us but at times I feel like he's mainly challenging the physics major students in our class by explaining concepts such as forces and work which isn't something that I really know much about since I've recently started taking physics.
- Fernando is such a nice guy and I was able to keep up with course content, but sometimes lectures moved to fast and exams were definitely stressful.
- Nothing, but the professor can use some more jokes to keep the classroom engaged.
- N/A
- Overall, I really enjoyed this class and I am glad that it was my first college math course because it really reinforced my initial desire to be a math major.
- No additional thoughts.
- Excellently done course with an excellent professor, no real complaints
- I feel that there was no concern shown for students. After certain exams and quizzes we told our professor that the quiz was too hard for the allotted time and he told us that we were wrong and could do the problem in the allotted time despite the entire class saying otherwise. Certain quizzes were really hard compared to problems done in class as well as homework problems. I also feel that the amount of effort that I put into the course was not reflected in my grades. I just wish that the amount of work and effort that students demonstrated would help our grades in the course.
- This is my second time as your student and once again I really enjoyed the course and felt like I learned a lot once again. Even at times when the material felt really difficult, I was able to work through it and gain some sort of understanding.
- I think that the course should be paced out better in the future. Oftentimes, we would take a long time covering one chapter and then would cover a different one in less than a week. In the end, it took me so much longer to understand the material that we rushed through. I would prefer a more even split. In general, I did appreciate the opportunities to boost my grade with WeBworks being able to boost any quiz grades. I also appreciated Professor Fernando's humor and his willingness to help students in office hours.
- N/A
- Sometimes an exam question would be of vastly greater difficulty and more abstract in nature than the majority of problems we had worked on before, but overall a good course
- n/a
- No additional thoughts.
- Great professor, but lectures can be unclear.
- I love the professor
- I think a slower pace would be very helpful along with word problem examples to work through as a class in order to apply our learning. Also writhing slower would be very helpful as I often can't keep up with writing down the lecture notes

College of the Holy Cross
Fall 2022 Evaluations

Course: MATH_135_01_Fall2022: Calculus 1
Instructor: Neranga Fernando *
Response Rate: 19/26 (73.08 %)

1 - Q1. Please indicate your class level:					
Response Option	Weight	Frequency	Percent	Percent Responses	Means
First Year	(1)	17	89.47%	<div style="width: 89.47%; height: 10px; background-color: #808080;"></div>	
Second Year	(2)	2	10.53%	<div style="width: 10.53%; height: 10px; background-color: #808080;"></div>	
Third Year	(3)	0	0.00%		
Fourth Year	(4)	0	0.00%		
				0 25 50 100	
Response Rate					
19/26 (73.08%)					

2 - Q2. What is your gender?	
Response Rate	17/26 (65.38%)
<ul style="list-style-type: none"> • Male • Male • female • female • Female • Male • male • Male • female • Female • Male • Male • female • Male • Male • Female • female 	

College of the Holy Cross

Fall 2022 Evaluations



Course: MATH_135_01_Fall2022: Calculus 1
Instructor: Neranga Fernando *
Response Rate: 19/26 (73.08 %)

3 - Q3. What is your major(s)?					
Response Option	Weight	Frequency	Percent	Percent Responses	
Accounting	(1)	0	0.00%		
Anthropology	(2)	0	0.00%		
Art History	(3)	0	0.00%		
Asian Studies	(4)	0	0.00%		
Biology	(5)	2	14.29%	■	
Chemistry	(6)	0	0.00%		
Classics	(7)	0	0.00%		
Computer Science	(8)	1	7.14%	■	
Economics	(9)	6	42.86%	■	
English	(10)	0	0.00%		
Environmental Studies	(11)	0	0.00%		
French	(12)	0	0.00%		
German	(13)	0	0.00%		
History	(14)	1	7.14%	■	
International Studies	(15)	0	0.00%		
Italian	(16)	0	0.00%		
Mathematics	(17)	0	0.00%		
Music	(18)	1	7.14%	■	
Philosophy	(19)	0	0.00%		
Physics	(20)	0	0.00%		
Political Science	(21)	0	0.00%		
Psychology	(22)	4	28.57%	■	
Religious Studies	(23)	0	0.00%		
Russian	(24)	0	0.00%		
Sociology	(25)	0	0.00%		
Spanish	(26)	0	0.00%		
Studies in World Literatures	(27)	0	0.00%		
Studio Art	(28)	0	0.00%		
Theatre	(29)	0	0.00%		
CIS/Student Designed Major	(30)	0	0.00%		
Response Rate		14/26 (53.85%)			





4 - If you checked "CIS/Student Designed Major" please list the title of your major below.	
Response Rate	0/26 (0%)

College of the Holy Cross
Fall 2022 Evaluations

Course: MATH_135_01_Fall2022: Calculus 1
Instructor: Neranga Fernando *
Response Rate: 19/26 (73.08 %)

5 - Q4. What is your minor(s), or concentration(s), if applicable?				
Response Option	Weight	Frequency	Percent	Percent Responses
Africana Studies	(1)	0	0.00%	
American Sign Language	(2)	0	0.00%	
Anthropology	(3)	0	0.00%	
Art History	(4)	0	0.00%	
Asian Studies	(5)	0	0.00%	
Biochemistry	(6)	0	0.00%	
Chinese	(7)	0	0.00%	
Computer Science	(8)	0	0.00%	
Creative Writing	(9)	0	0.00%	
Dance	(10)	0	0.00%	
Education	(11)	0	0.00%	
Environmental Studies	(12)	0	0.00%	
French	(13)	0	0.00%	
Gender, Sexuality, and Women's Studies	(14)	0	0.00%	
Geosciences	(15)	0	0.00%	
German	(16)	0	0.00%	
Italian	(17)	0	0.00%	
Latin American, Latinx, and Caribbean Studies	(18)	0	0.00%	
Peace and Conflict Studies	(19)	0	0.00%	
Philosophy	(20)	0	0.00%	
Physics	(21)	0	0.00%	
Religious Studies	(22)	0	0.00%	
Russian	(23)	0	0.00%	
Statistics	(24)	1	50.00%	
Studies in World Literatures	(25)	0	0.00%	
Studio Art	(26)	1	50.00%	
CIS/Student Designed Minor	(27)	0	0.00%	
Response Rate		2/26 (7.69%)		

6 - If you checked "CIS/Student Designed Minor" please list the title of your minor below.	
Response Rate	1/26 (3.85%)
• undecided	

7 - Q5. What is your approximate current GPA?					
Response Option	Weight	Frequency	Percent	Percent Responses	Means
3.7 - 4.0	(1)	5	29.41%		
3.3 - 3.69	(2)	6	35.29%		
3.0 - 3.29	(3)	5	29.41%		
2.7 - 2.99	(4)	1	5.88%		
2.3 - 2.69	(5)	0	0.00%		
2.0 - 2.29	(6)	0	0.00%		
<2.0	(7)	0	0.00%		
				0 25 50 100	
Response Rate		17/26 (65.38%)			

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Course: MATH_135_01_Fall2022: Calculus 1
Instructor: Neranga Fernando *
Response Rate: 19/26 (73.08%)

8 - Q6. Please indicate the reason(s) you are taking this course. (Check all that apply.)

Response Option	Weight	Frequency	Percent	Percent Responses
Major requirement	(1)	11	57.89%	
Common area requirement	(2)	10	52.63%	
Concentration requirement	(3)	2	10.53%	
Minor requirement	(4)	1	5.26%	
Instructor	(5)	0	0.00%	
Interest in the course material	(6)	3	15.79%	
My advisor recommended it	(7)	0	0.00%	
Time/day offered	(8)	1	5.26%	
Friends are taking it	(9)	0	0.00%	
Response Rate	19/26 (73.08%)			

9 - Other, please specify:

Response Rate	1/26 (3.85%)
• pre med requirement	

10 - Q7. Please describe your level of investment in this course. By investment, we mean the time, energy, and commitment you put into this course.

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Very High	(5)	5	26.32%		4.05
High	(4)	11	57.89%		
Moderate	(3)	2	10.53%		
Low	(2)	1	5.26%		
Very Low	(1)	0	0.00%		
Response Rate					19/26 (73.08%)
Mean					4.05
STD					0.78
Median					4.00

- There was plenty of work and quizzes that I spent a lot of time studying for.
- Multiple times per week going over practice problems
- It was important to me to do well in the course, but I had already taken calc before, so I did have to focus on other courses more.
- It takes a lot of time and energy to learn the concepts, so my investment in the class is very high.
- This class has a lot of material that I need for the rest of my college career
- I try my best even though the material isn't very fun
- Need it for pre-med and took it last year so investment is not the highest but still high since there are new topics as well
- Over the course of the semester we had an average amount of work compared to my other classes. Sometimes the homework assignments were excessive, but we were given a week to do them.
- I really Calculus and it is required for my major.
- I always come to class and complete all the assignments, as well as putting in a proper amount of time studying for quizzes and exams.
- I put in as much effort as I have to in a course to do well. This course isn't extraordinarily difficult or anything so I don't have to devote a ton of time to it.

11 - Q8. How would you rate your performance for each of the following course requirements?

a. I read or viewed all of the assigned materials

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Strongly agree	(4)	13	68.42%		3.63
Somewhat agree	(3)	5	26.32%		
Somewhat disagree	(2)	1	5.26%		
Strongly disagree	(1)	0	0.00%		
Response Rate					19/26 (73.08%)
Mean					3.63
STD					0.60
Median					4.00

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Response Rate: 19/26 (73.08 %)

11 - Q8. How would you rate your performance for each of the following course requirements?										
b. I did my best to complete all of my assignments										
Response Option	Weight	Frequency	Percent	Percent Responses	Means					
Strongly agree	(4)	17	89.47%							
Somewhat agree	(3)	2	10.53%							
Somewhat disagree	(2)	0	0.00%							
Strongly disagree	(1)	0	0.00%							
				0	25	50	100	Question		
Response Rate				Mean		STD		Median		
19/26 (73.08%)				3.89		0.32		4.00		

11 - Q8. How would you rate your performance for each of the following course requirements?										
c. With the exception of excused absences, I attended the class all of the time										
Response Option	Weight	Frequency	Percent	Percent Responses	Means					
Strongly agree	(4)	17	89.47%							
Somewhat agree	(3)	1	5.26%							
Somewhat disagree	(2)	1	5.26%							
Strongly disagree	(1)	0	0.00%							
				0	25	50	100	Question		
Response Rate				Mean		STD		Median		
19/26 (73.08%)				3.84		0.50		4.00		

11 - Q8. How would you rate your performance for each of the following course requirements?										
d. I actively participated in class (e.g., asked questions, responded to others' questions, etc.)										
Response Option	Weight	Frequency	Percent	Percent Responses	Means					
Strongly agree	(4)	8	42.11%							
Somewhat agree	(3)	7	36.84%							
Somewhat disagree	(2)	4	21.05%							
Strongly disagree	(1)	0	0.00%							
				0	25	50	100	Question		
Response Rate				Mean		STD		Median		
19/26 (73.08%)				3.21		0.79		3.00		

11 - Q8. How would you rate your performance for each of the following course requirements?										
e. I helped contribute to a positive learning environment in class (e.g., engaged with classmates in or out of class, participated actively in group work, etc.)										
Response Option	Weight	Frequency	Percent	Percent Responses	Means					
Strongly agree	(4)	14	73.68%							
Somewhat agree	(3)	5	26.32%							
Somewhat disagree	(2)	0	0.00%							
Strongly disagree	(1)	0	0.00%							
				0	25	50	100	Question		
Response Rate				Mean		STD		Median		
19/26 (73.08%)				3.74		0.45		4.00		

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Instructor: Neranga Fernando *
Response Rate: 19/26 (73.08 %)

12 - Q9. Did you work with your professor outside of class (i.e. visited office hours, made individual appointments, attended review sessions, etc.)

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Yes	(1)	13	68.42%		
No	(2)	6	31.58%		
				0 25 50 100	
Response Rate					
19/26 (73.08%)					

13 - Q9a. Please list the reason(s) that you did work with your professor outside of class.

Response Rate 13/26 (50%)

- To get a better understanding of the subject
- Homework assignment and quiz answer explanation
- I needed to make up a quiz.
- Clarification on some of the topics; Preparation for assessments
- I needed extra assistance on learning the material.
- I went to review my quizzes/midterms and asked a question regarding the group project.
- preparation for exams, and trying to understand topics better
- To go over material before quiz, better understand a topic, go over work I missed in class
- I needed help with homework and problem sheet assignments. I used office hours to ask questions.
- Just stopped by to talk about assignments and projects
- I went to office hours with homework and practice sheet questions to clarify and practice.
- I was a little confused about a subject, and the professor did a great job explaining it.
- I needed help understanding a concept.

14 - Q9b. Please explain why you did not work with your professor outside of class.

Response Rate 6/26 (23.08%)

- I did not have any questions regarding the course material, and practice sessions were held at times that I could not attend.
- Timing and conflicts with other classes and sports
- I did not have any questions
- the office hours times didn't work/ didnt need to
- I didn't really have any questions
- I did not work with my professor because I did not feel the need.

15 - Q10. Please indicate the extent to which you agree or disagree with the following statement.

The course content deepened my understanding of the subject matter (e.g., factual knowledge, understanding of concepts and theories, etc.)

Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Strongly agree	(4)	13	68.42%		3.68	
Somewhat agree	(3)	6	31.58%			
Somewhat disagree	(2)	0	0.00%			
Strongly disagree	(1)	0	0.00%			
				0 25 50 100	Question	
Response Rate				Mean	STD	Median
19/26 (73.08%)				3.68	0.48	4.00

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Instructor: Neranga Fernando *
Response Rate: 19/26 (73.08%)

16 - Q10a. Please explain explain your response to this statement: "The course content deepened my understanding of the subject matter (e.g., factual knowledge, understanding of concepts and theories, etc.)"

Response Rate 19/26 (73.08%)

- I learned a lot.
- I learned many techniques in a different way from last year
- I learned calculus in high school, and this course included more explanations of why theorems are the way they are- which also made the class a lot harder
- Prof. Neranga taught well and clearly. I never left class feeling like I did not understand what was taught.
- Built on the topics of Calculus that I learned in high school and teaches me how to think critically
- I gained knowledge and strengthened my mathematical skills.
- The homework, quizzes, and tests definitely helped deepen my understanding of the subject matter.
- My course knowledge was deepened by the lectures in class along with the practice problems assigned
- I understood limits better now than I did in high school
- I didn't have a great understanding of math and I still don't but it is getting better
- I already did calc in high school so, i guess it just refreshed my understanding, rather than deepen it.
- I learned in more detail about these math concepts.
- Although I took calc in high school, there were a lot of topics that were new this year
- My understanding of calculus and things related to it deepened.
- The professor was very thorough in his explanations and was able to get a lot done in class time.
- I have furthered my knowledge in calc in general
- I have already taken the subject in high school, so a larger portion was review, but I did learn some new strategies and covered the topics in more depth allowing me to grasp them better than before.
- The professor is a great teacher! I took calc in my senior year of highschool, and I understood none of it. But now that I'm taking it with Professor Fernando, I'm finally getting it.
- I am more educated in calculus, we learned many new subjects. The course also deepened my understanding of concept and theories.

17 - Q11. Please indicate the extent to which you agree or disagree with the following statement.

The course content deepened my interest in the subject matter

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Strongly agree	(4)	3	15.79%		2.89		Question
Somewhat agree	(3)	12	63.16%				
Somewhat disagree	(2)	3	15.79%				
Strongly disagree	(1)	1	5.26%				
				0 25 50 100			
Response Rate				Mean	STD	Median	
19/26 (73.08%)				2.89	0.74	3.00	

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Instructor: Neranga Fernando *
Response Rate: 19/26 (73.08%)




18 - Q11a. Please explain explain your response to this statement: "The course content deepened my interest in the subject matter"

Response Rate 19/26 (73.08%)

- I've always been interested in math.
- Learned that I take a greater interest in the ways to solve a problem
- This course was hard for me.
- I have not planned to pursue math further, but I did enjoy this class.
- It was very challenging and expectations of our background knowledge is very high so I am not interested in continuing Calculus
- I learned the required material.
- Because my grade relies on how much information I retain, I am very interested in the subject matter.
- This course content made a little bit more excited to continue in the math department because of the style of teaching and fair grading system
- I like math over some other subjects, but I think I prefer the sciences
- I don't love math, but I do like the teacher and the class which has helped me want to learn more
- I've always liked math, so it did deepen my interest, but not so much to a strongly agree.
- I think that since I have learned about these calculus topics before in high school and now that I have been reinforced in them it makes me want to learn what's next in these topics.
- Calc is definitely an interesting course and I would have continued if my schedule would have allowed for it
- There was nothing in this course that attracted me to take further calculus classes.
- I think the course deepened my interest in the subject matter because the professor made it relatable in a way, he made it easier for me to understand therefore I feel more confident now which has made me feel more interested and excited to learn more.
- Not extremely interested in calc
- I am a math person in general, and enjoyed my time in this class as I prepare to move onto Calculus 2.
- I'm taking Calc 2 next semester which I never thought I was going to do.
- After taking this course I have found that I am not very interested in pursuing this field.

19 - Q12. Please indicate the extent to which you agree or disagree with the following statement.

The course was well organized

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Strongly agree	(4)	16	84.21%			3.84	
Somewhat agree	(3)	3	15.79%				
Somewhat disagree	(2)	0	0.00%				
Strongly disagree	(1)	0	0.00%				
				0 25 50 100	Question		
Response Rate				Mean	STD	Median	
19/26 (73.08%)				3.84	0.37	4.00	

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Instructor: Neranga Fernando *
Response Rate: 19/26 (73.08%)






20 - Q12a. Please explain explain your response to this statement: "The course was well organized"

Response Rate 19/26 (73.08%)

- I always knew what was going on and it never felt disorganized
- Everything that was needed was on the syllabus
- Everything was planned out on the syllabus.
- Prof. was very clear on what was due and what we would be doing each week.
- The schedule follows a strict pattern. Quizzes are every Friday, homework assignments are due every Monday, and there are two midterms and a final.
- Course was organized on the syllabus.
- All assignments are laid out well in canvas and announcements are posted regularly to ensure that we understand what is expected to be done.
- When you look at the syllabus everything is in order and my professor follows that order perfectly
- Canvas and the syllabus were both clear with what needed to be done
- The course was well organized
- yes everything was planned and announced ahead of time
- We had a schedule given to us in and it was followed and any changes were told to us ahead of time.
- Everything was posted in a timely matter, had worksheets and extra practice problems posted and professor as well as TA were free often
- Everything was laid out in the syllabus at the beginning of the semester and the class has gone completely to plan. There have been no major surprises that were not laid out at the beginning of the class.
- He amkes a lot of announcements on Canvas which I find to be organized and helpful.
- The course is well organized
- The assignment schedule was laid out at the beginning of the semester with routine homework and quizzes and we moved through chapters in a well-setup manner.
- The canvas page was just a series of announcements. But, we didn't really need to use it in class.
- We went through each lesson in order and could find materials for tests on canvas.

21 - Q13. Please indicate the extent to which you agree or disagree with the following statement.

The course gave me enough opportunities to demonstrate my learning

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Strongly agree	(4)	13	68.42%			3.63	
Somewhat agree	(3)	5	26.32%				
Somewhat disagree	(2)	1	5.26%				
Strongly disagree	(1)	0	0.00%				
				0 25 50 100	Question		
Response Rate				Mean	STD	Median	
19/26 (73.08%)				3.63	0.60	4.00	

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Response Rate: 19/26 (73.08%)

22 - Q13a. Please explain explain your response to this statement: "The course gave me enough opportunities to demonstrate my learning"

Response Rate 19/26 (73.08%)

- We had lots of quizzes to show what we learned.
- Group problems, homework assignments, quizzes and challenging midterms
- We had a lot of quizzes and exams.
- There was a good balance of homework, quizzes, and exams.
- There are limited homework assignments outside of the three total exams.
- There were plenty of grade opportunities.
- The 7 quizzes, to midterm, and final gives us plenty of exams demonstrate how much I have retained.
- By asking us to answer questions in class I am able to demonstrate my learning skills
- We had quizzes, homework, and exams
- The course gave me enough opportunities to demonstrate my learning
- there are frequent homework and quizzes to have opportunities to improve on.
- We have quizzes and exams as well as homework, we even a group project which was different to me, I've never really done a research project for math.
- Only way to demonstrate learning were the quizzes and in class
- We mostly were graded through in class assessments, but homework and group projects enabled us other opportunities to display our learning.
- We have a lot of quizzes which can be difficult for people like me who get anxious when taking the quiz or test, but otherwise there are lots of opportunities.
- Weekly quizzes
- The homework and problem sheets were a good level of challenging and the exams were fairly good summaries of what we had learned so these things provided places to practice and demonstrate.
- Two midterms, seven quizzes, three webworks, and homework graded on correctness. There's plenty of indicators to let you know if you're doing poorly or well.
- There were many quizzes and homework assignments. I did not do as strongly on the quizzes as I hope to so wish that there were other class assignments where I could earn points.

23 - Q14. We are interested in learning how the course helped you develop skills and abilities beyond your understanding and appreciation of the course content. Please check the skill or ability that you believe you most developed as a result of taking this course.(Please note that the options below are not expected to apply to every course).This course most improved my . . .

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Critical thinking skills	(1)	11	57.89%		
Oral communication skills	(2)	0	0.00%		
Creative thinking skills	(3)	0	0.00%		
Writing ability	(4)	0	0.00%		
Close reading skills	(5)	0	0.00%		
Research skills	(6)	0	0.00%		
Problem-solving skills	(7)	8	42.11%		
Ability to collaborate with others	(8)	0	0.00%		
Ability to make connections across disciplines	(9)	0	0.00%		
Ability to use information resources and technology	(10)	0	0.00%		
Spiritual development	(11)	0	0.00%		
Personal development	(12)	0	0.00%		
Awareness of social justice issues	(13)	0	0.00%		
				0 25 50 100	
Response Rate					
19/26 (73.08%)					

24 - Other, please specify:

Response Rate 0/26 (0%)

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Response Rate: 19/26 (73.08%)

25 - Q14a. We are interested in learning how the course helped you develop skills and abilities beyond your understanding and appreciation of the course content. Please check the skill or ability that you believe you next most developed as a result of taking this course.(Please note that the options below are not expected to apply to every course).This course most improved my . . .

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Critical thinking skills	(1)	3	15.79%		
Oral communication skills	(2)	1	5.26%		
Creative thinking skills	(3)	1	5.26%		
Writing ability	(4)	0	0.00%		
Close reading skills	(5)	1	5.26%		
Research skills	(6)	1	5.26%		
Problem-solving skills	(7)	8	42.11%		
Ability to collaborate with others	(8)	3	15.79%		
Ability to make connections across disciplines	(9)	1	5.26%		
Ability to use information resources and technology	(10)	0	0.00%		
Spiritual development	(11)	0	0.00%		
Personal development	(12)	0	0.00%		
Awareness of social justice issues	(13)	0	0.00%		
				0 25 50 100	
Response Rate					
19/26 (73.08%)					

26 - Other, please specify:

Response Rate 0/26 (0%)

27 - Q15. What elements in this course were most valuable to your learning? Please consider specific course activities and/or materials and how they affected your thinking about the course content (e.g., use of readings, class time, lectures, group work, problem sets, films, labs, reflections, etc.)

Response Rate 19/26 (73.08%)

- Lectures
- Being challenging and rewarding. Material was challenging but if studying was effective it would yield proper results
- Lectures
- The problem sheets with solutions were the most helpful way of preparing for quizzes and class.
- The most valuable element is problem solving and critical thinking skills because the problems are difficult.
- The most valuable elements were the required course material that I need to study calculus 2.
- The midterms forced me to circle back and recall all the information we have covered in this course. The midterms enhanced my learning deeply.
- The practice problems and the homework were the most valuable things in class because it allowed us to practice the course material
- The lectures and studying for quizzes allowed me to make sure I didn't get behind on the material
- Take home packets with questions similar to that of the tests
- class time, because that is where problems and methods were discussed.
- The most valuable was probably the lectures and group work, because we could implement what we were learning with other people.
- The worksheets that had practice problems were very helpful because we would work on them and also go over them
- The problem sets and worksheets that he gave out for further practice helped me to master the content.
- The problem sheets are helpful.
- Class time and problem sets
- The time in class and the problem sheets were the most crucial to learning as the instruction was very good and the problem sheets were a way to practice and figure out what needed clarification before moving forward.
- As much as I disliked it at the time, looking back the homework graded on correctness rather than completion were really useful!
- The problem sets were most valuable to my learning because it allowed me to practice the concepts we learned in class better.

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Instructor: Neranga Fernando *
Response Rate: 19/26 (73.08%)

28 - Q16. What, if anything, would you improve about this course? Please be as specific as possible.

Response Rate 19/26 (73.08%)

- A little more clear what each quiz would be on.
- More practice problems that are similar in difficulty to highly weighted exams
- Sometimes, lectures were not very clear and the material was rushed through.
- n/a
- I would make the progression of the course slower. It covers a lot of material in a short amount of time,
- I would not change much other than not have every quiz on a Friday.
- I would make the quizzes longer in length, creating a more well rounded quiz.
- Questions more relevant to the material we learned on the quizzes and exams
- I can't think of anything
- Slower pace
- im not sure
- I think the course is great, but maybe the homework could be graded on completion instead of correctness.
- I did not really like the group work where we spit the problems in groups because it was a little unproductive
- I would make the second midterm not as difficult because the first one was much easier, making the second one unexpected.
- Maybe more ways to demonstrate that you know the learning and the material.
- N/A
- I think the course is good the way it is currently.
- Nothing
- I felt that the first half of the course was much easier than the second half. I felt that the difficulty of the second midterm and of the second half of the quizzes was much higher than the first half. This became evident in my grades and I did not feel prepared for the shift in difficulty since I had already adapted certain study habits from the first half of the year that was getting me better grades.

29 - Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.

a. The instructor explained the material clearly

Neranga Fernando

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Strongly agree	(4)	12	63.16%		3.47		
Somewhat agree	(3)	4	21.05%				
Somewhat disagree	(2)	3	15.79%				
Strongly disagree	(1)	0	0.00%				
				0 25 50 100	Question		
Response Rate				Mean	STD	Median	
19/26 (73.08%)				3.47	0.77	4.00	

29 - Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.

b. The instructor presented the material in an engaging way

Neranga Fernando

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Strongly agree	(4)	16	84.21%		3.74		
Somewhat agree	(3)	1	5.26%				
Somewhat disagree	(2)	2	10.53%				
Strongly disagree	(1)	0	0.00%				
				0 25 50 100	Question		
Response Rate				Mean	STD	Median	
19/26 (73.08%)				3.74	0.65	4.00	

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Response Rate: 19/26 (73.08 %)

29 - Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.

c. The instructor was accessible outside of class

Neranga Fernando

Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Strongly agree	(4)	17	89.47%		3.89	
Somewhat agree	(3)	2	10.53%			
Somewhat disagree	(2)	0	0.00%			
Strongly disagree	(1)	0	0.00%			
Response Rate				Mean	STD	Median
19/26 (73.08%)				3.89	0.32	4.00

29 - Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.

d. The instructor was helpful in office hours

Neranga Fernando

Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Strongly agree	(4)	14	73.68%		3.74	
Somewhat agree	(3)	5	26.32%			
Somewhat disagree	(2)	0	0.00%			
Strongly disagree	(1)	0	0.00%			
Response Rate				Mean	STD	Median
19/26 (73.08%)				3.74	0.45	4.00

29 - Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.

e. The instructor's expectations and standards for grading were clear

Neranga Fernando

Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Strongly agree	(4)	16	84.21%		3.84	
Somewhat agree	(3)	3	15.79%			
Somewhat disagree	(2)	0	0.00%			
Strongly disagree	(1)	0	0.00%			
Response Rate				Mean	STD	Median
19/26 (73.08%)				3.84	0.37	4.00

29 - Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.

f. The instructor provided helpful feedback on assignments

Neranga Fernando

Response Option	Weight	Frequency	Percent	Percent Responses	Means	
Strongly agree	(4)	12	63.16%		3.58	
Somewhat agree	(3)	6	31.58%			
Somewhat disagree	(2)	1	5.26%			
Strongly disagree	(1)	0	0.00%			
Response Rate				Mean	STD	Median
19/26 (73.08%)				3.58	0.61	4.00

College of the Holy Cross
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Instructor: Neranga Fernando *
Response Rate: 19/26 (73.08 %)

29 - Q17. Please indicate the extent to which you agree or disagree with the following statements about the quality of instruction in this course.

g. The instructor set high standards for students

Neranga Fernando

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Strongly agree	(4)	15	78.95%			3.79	
Somewhat agree	(3)	4	21.05%				
Somewhat disagree	(2)	0	0.00%				
Strongly disagree	(1)	0	0.00%				
Response Rate				Mean	STD	Median	
19/26 (73.08%)				3.79	0.42	4.00	

30 - Q18. The instructor promoted a positive learning environment in the following ways.(Check all that apply).

Response Option	Weight	Frequency	Percent	Percent Responses
Encouraged students to take intellectual risks	(1)	13	68.42%	
Encouraged everyone's involvement in class	(2)	16	84.21%	
Showed concern for students	(3)	11	57.89%	
Was respectful of different points of view/diverse perspectives	(4)	10	52.63%	
Created a safe atmosphere for learning and sharing of ideas	(5)	12	63.16%	
Response Rate		19/26 (73.08%)		

31 - Other, please share:

Response Rate	0/26 (0%)
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32 - Q19. Overall, how would you rate the quality of instruction?

Neranga Fernando

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Excellent	(4)	11	57.89%			3.47	
Good	(3)	6	31.58%				
Average	(2)	2	10.53%				
Poor	(1)	0	0.00%				
Response Rate				Mean	STD	Median	
19/26 (73.08%)				3.47	0.70	4.00	

33 - Q20. Overall, how would you rate this course?

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Excellent	(4)	10	52.63%			3.32	
Good	(3)	5	26.32%				
Average	(2)	4	21.05%				
Poor	(1)	0	0.00%				
Response Rate				Mean	STD	Median	
19/26 (73.08%)				3.32	0.82	4.00	

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Response Rate: 19/26 (73.08%)

34 - Q21. Please share any additional thoughts about the course here.

Response Rate	19/26 (73.08%)
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- No additional thoughts.
- Course allowed me to grow mentally and solve problems in math more intently
- None
- Prof. Neranga was a great professor, and although I'm not planning to move on in calc, I would definitely recommend taking his course, and I would take him again any day!
- It was certainly challenging and the material was taught very quickly.
- No additional thoughts
- I have enjoyed this class thus far.
- I look forward to taking calc 2 next semester
- none
- good class
- none
- I really liked the class, I think it was very challenging at some times but it was also very fun.
- one of few teachers who makes jokes and is not always serious which is nice to have
- N/a
- n/a
- None
- Good coverage of topics and a strong introduction to calculus at a good pace.
- N/A
- No additional thoughts