



Rutgers University Midcourse Surveys

Fall 2020

Echeverria Echeverria, Mariano - ME498

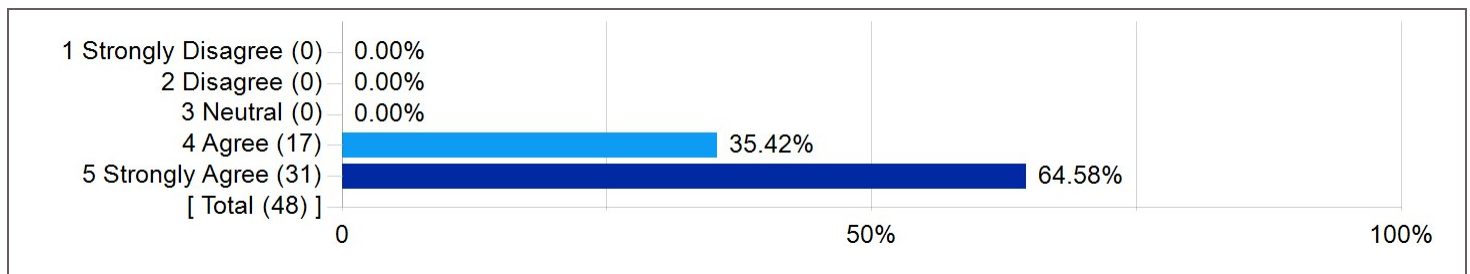
Multivariable Calc - 01:640:251:31, 32, 33

Enrollment: 89

Responses Received: 48

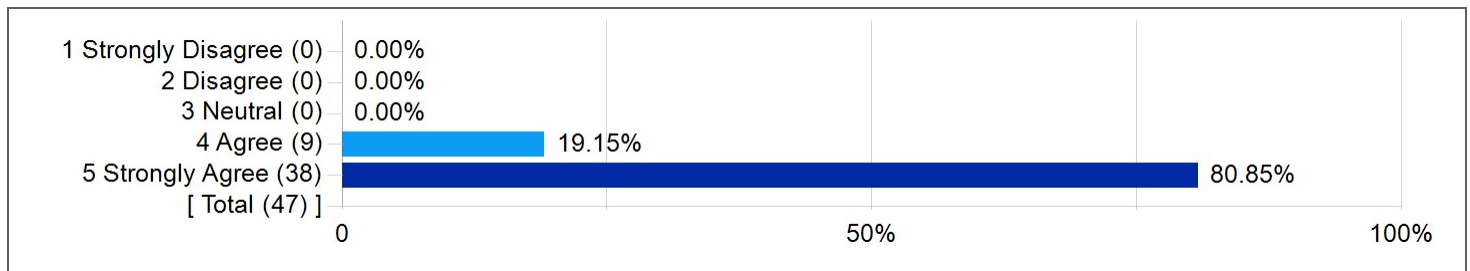
Instructor Questions

The instructor Mariano Echeverria Echeverria was prepared for class and presents material in an organized manner.



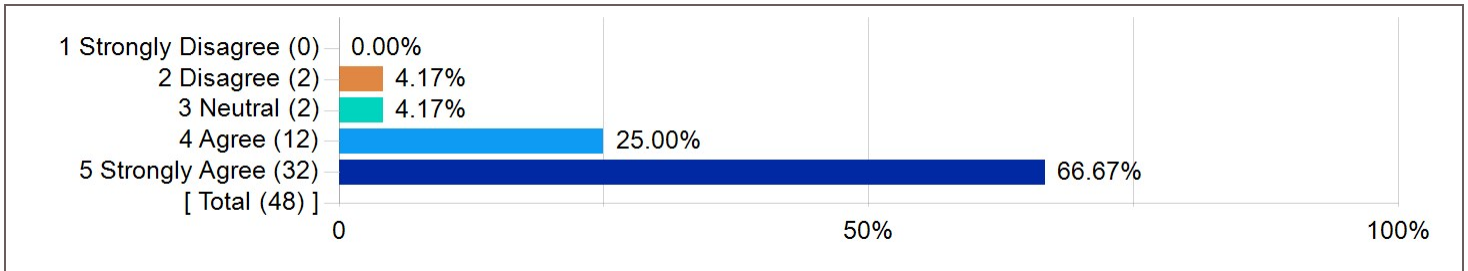
Strongly Disagree (1)	Disagree (2)	Neutral (3)	Agree (4)	Strongly Agree (5)	Total Responses	Section Mean
0	0	0	17	31	48	4.65

The instructor Mariano Echeverria Echeverria responds effectively to student comments and questions.



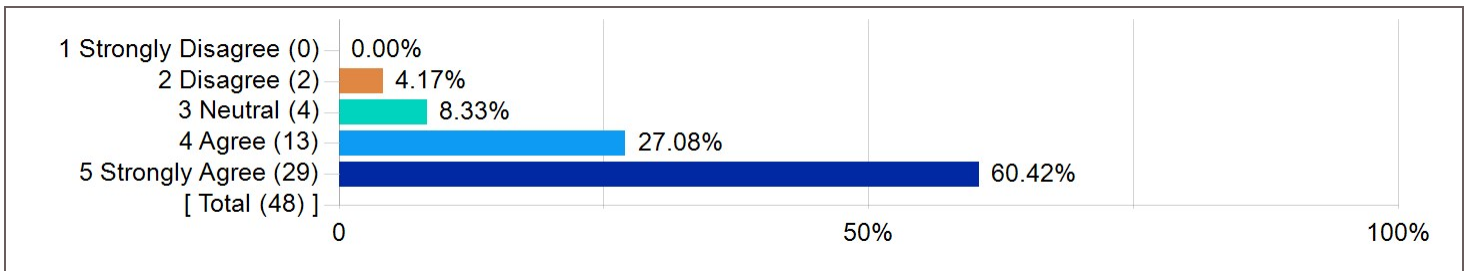
Strongly Disagree (1)	Disagree (2)	Neutral (3)	Agree (4)	Strongly Agree (5)	Total Responses	Section Mean
0	0	0	9	38	47	4.81

The instructor Mariano Echeverria Echeverria posted content that helped me understand the topics covered by the course.



Strongly Disagree (1)	Disagree (2)	Neutral (3)	Agree (4)	Strongly Agree (5)	Total Responses	Section Mean
0	2	2	12	32	48	4.54

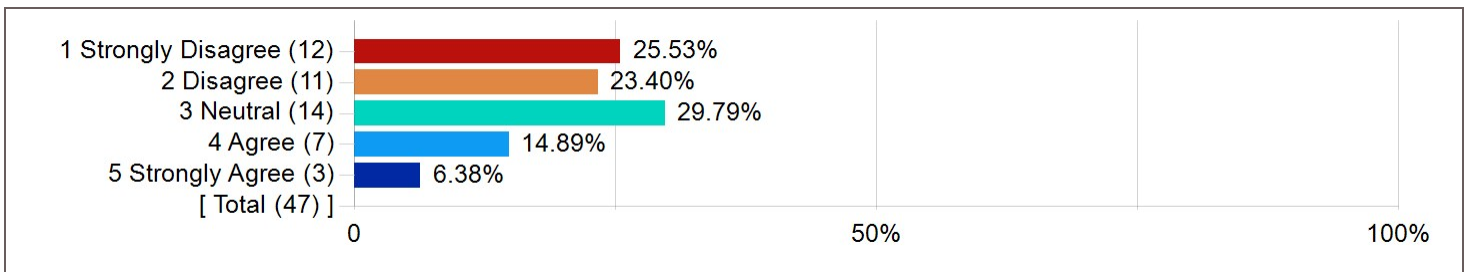
The instructor Mariano Echeverria Echeverria has taught effectively in the course so far.



Strongly Disagree (1)	Disagree (2)	Neutral (3)	Agree (4)	Strongly Agree (5)	Total Responses	Section Mean
0	2	4	13	29	48	4.44

Course Questions

I was glad to take this course in an online format; for me it is the preferred format for this course.



Strongly Disagree (1)	Disagree (2)	Neutral (3)	Agree (4)	Strongly Agree (5)	Total Responses	Section Mean
12	11	14	7	3	47	2.53

What do you like most about this course?

Comments
The homework helps me to understand the material better.
The professor is nice and teaches very nicely.
More lightly weighed midterms is something I'm liking more.
Professor cares about teaching and effectively helping students to succeed.
the flexibility
The reddit memes
Although I would've liked to take this course in person, that is obviously not an option at this time due to the pandemic. However, I liked how the professor uploads his own Youtube videos so that, if we don't understand something in his live lecture, we can go over it in depth in his videos before the next exam.
The professor, Mariano Echeverria, is a very caring and understanding person.
Professor Echeverria is not only kind and humble, but he effectively teaches the course and I always look forward in attending his lectures.
Professor Echeverria is a great teacher that provides tons of resources for his students to learn.
Teacher provides material to learn and the course effectively analyzes my skills and knowledge
My professor and TA were both prepared to answer student questions and were prepared for lectures and recitations.
I like the professor most because he always try to give his students positivities so that it makes me wanna study a little bit more
The fact that my professors are almost always available
Professor Echeverria is very organized, helpful, and engaging. His instruction is what I enjoy most about this course.
Interesting content with tons of applications and a good balance of theory. A very visual course too.
I have a good professor, that's about it.
I like how Professor Echeverria posts extra material for us to practice, and both Echeverria and D'Alesandro's office hours have been helpful to me. Despite the course is online, I found that Professor Echeverria has been teaching the material so well that I'm doing better in this course than Calc I and II. I'm thankful for having you guys as my teachers because my friends who have different professors are having difficulty understanding the concepts. Even though the first exam was hard and I didn't do that well, I still feel like I'm actually learning and understanding the content.
I like the leniency of the professors. Also, their knowledge and understanding of the corse materials.
I definitely like the material of this course. Although I find it difficult to switch between 2D and 3D analysis, I find it very interesting.
The professor
UI like all the thig Mariano has done to make it easier to learn in this course, like videos and lecture notes
The enthusiam and excitement the professor brings to lecture, which in turn stimulates the student to want to learn and pay attention while enjoying the lecture. Additionally, he makes the lectures clear cut on core concepts needed
I absolutely love the professor. He is very kind, considerate and knows the material very well. He draws many diagrams and has many resources that allow me to understand the material. He is the best calculus professor I have had thus far!
The textbook is a great resource and reference for learning/practicing the material.
Professor Echeverria is good professor and his vibes always make my day.
I liked the way that the recitations were set up. The workshops for Calc 1 and Calc 2 were very overbearing. I also love Mariano and Anthony because they are some of the best teachers I've had thus far.
I think Professor Echeverria did an amazing job at adapting to the new course format and taking care of department problems as they raised.
The Hw helps me understand the topics

What do you think needs improvement and how should these improvements be made?

Comments
Just to have more examples shown in lecture.
The exams need to be a little easier/shorter or the students should be given more time.
You should just call the 5 midterms quizzes so it seems less stressful. Also in class, we don't go over many specific examples or hard problems so I am always thrown off when I start the homework and book problems and have to just study from the textbook.
Exams and grading them (only final answers are considered)

Comments
a better connection between what is taught and what appears on exams
The format for Midterms; there should be some form of partial credit.
Communication and organization between professors
Nothing needs improvement at this time.
The material covered in lecture needs to be adjusted. What we go over in lecture is not a strong enough understanding to directly rely on for hw, quizzes, or exams. I would prefer if we went over problem examples for each section rather than talking about concept to really understand the material. The professor though is wonderful and caring. I appreciate him and his work, but would hope for the lecture content to be more applicable to the work we do.
Preparation for exams, problems that reflect level of difficulty in exams, with proper time and motivation for students.
I think the course structure needs major improvements. The course needs to adapt to online learning and understand that students are not able to learn the same way online as in person. The overall course is slightly disorganized and the material on the first exam was quite different to the homework, quizzes and extra problems. I understand the need to prevent cheating, but it should not come at the cost of students mental health/learning. The first midterm was a huge mess and it caused a lot of students major stress and after the second midterm I have felt major stress regarding whether this class while online was the right choice.
Exam was including topics not covered and first attempt should have been better coordinated.
The course coordinator fails to communicate effectively with students. The coordinator is also too obsessed with cheating in the course that it impacts learning for those who don't cheat and assigning fair grades for those students.
maybe the professor should consider to provide more examples during lectures. I am not saying that it is not good so far.
Exam difficulty and what is asked of on the exams
The communication between the Coordinators and the students, maybe by sending out a weekly message
The questions first exam given on MyLab was completely different from any question I had seen in quizzes, homeworks, class, or even the textbook. The test did not accurately reflect the material learned by the class.
Nothing really.
As it currently stands, there isn't much to improve on in the current situation of classes. Its alright for what it is, I'm just not a great student.
My only suggestion would be to allow us to submit our work for the exams, however I understand that we can't because of the format and it's out of Professor Echeverria's control.
I think that we need more question solving/ examples done in the class instead of just covering the concepts and ideas.
The overall course needs to be organized better. Professor Echeverria does a very good job at keeping the students informed and at providing the necessary information for proper preparation, but the course coordinator should be the person giving us the information about exams and addressing our concerns (which she does not). I also think the exams should have partial credit. It is so easy for the students to make a simple calculation error, and I don't think this should reflect how much the students know about the material. We should be allowed to submit our work within a certain time window after the exam for review. Maybe a good idea would be to use the work in such a way that when the student gets an answer correct, full points are given regardless of the work, but if the student does not get the correct answer, the work is reviewed for possible partial credit. I definitely think the course administrator needs to take more initiative with addressing our concerns and appropriately leading this course. However, I do greatly appreciate all of the information and help Professor Echeverria has provided us since the beginning of this course.
The online exams with their difficulty and duration.
I think the recitation quizzes dont need our cameras on, I think its just wiered considering that our exams don't require us to have our cameras on.
Lectures should cover maybe some, if not a few, various applications of concepts into different question styles.
The coordinator for this course is terrible. She has inconvenienced us many times with the exams. First, she used proctortrack which many students told her would not be successful. After that did not work, she gave us an 8 question exam on MyLab and Mastering which did not resemble anything we have learned whatsoever. The difficulty was nothing like that of the homework, quizzes, or textbook questions we are told to study. She posted the exam that we were supposed to have with proctortrack and it was very doable with only 4 questions. Doubling the questions and making the difficulty 10x harder because we were not using proctortrack is not fair. I rather have a doable 4 question exam while we get proctored on zoom or big blue button like we do for quizzes. I feel extremely discouraged because of the exam because I actually do enjoy this course and the professor very much!
The exam was very difficult in comparison to the practice problems in the textbook and review sheet. The material that we are being tested on should the same caliber of difficulty as in homework assignments, textbook problems, and quizzes.
His teaching doesn't prepare me for the homework or exams. I think there needs to be more examples taught.
The first exam is the main issue I have with this class. I also wish the homework problems on pearson were more similar to the textbook.

Comments

Having math courses in an online format is extremely difficult and could extend due dates to allow students time to understand the material in this new format.

How to do questions should actually be taught in class instead of just doing proofs. I always have to teach myself how to do most of the problems.

Questions added by the Instructor

What have been your preferred sources for learning the material? For example, have you watched the youtube videos, attended lectures regularly, a combination of both, or something else?

Comments

Attended lectures and I look through the textbook and homework.

I usually just watched youtube videos to learn the material and practiced material that my professor gave to study for exams.

I attend lecture and recitation regularly, and I also look up videos if I am confused and need more clarification.

The textbook has been good for learning the material but I have not gotten around to the youtube vids.

Textbook, home work, class videos, youtube and other review material

i have read straight from the book

Attended lectures, watched a few of Mariano's videos for clarification, reading textbook.

Youtube, lectures

I attend the lectures regularly. If there's something taught in lecture that I'm having trouble with, I watch the professor's Youtube videos.

I attend lecture, but the most beneficial way is through the textbook. The lectures do not cover the material in depth enough and does not show real problem examples for me to actually learn and apply the learning to the other work required in the course.

Professor Leonard on youtube

I have attended the lectures regularly, done all the extra recommended problems and I have felt sufficiently prepared for quizzes and homework but the exams terrify me. As much study material as they give us I have no idea what to expect when it comes to the exam and it puts a lot of stress on myself as well as other students who I have communicated with. Professor Echeverria is a great teacher and provides many resources but the exams are a huge concern of mine.

Combo of both

I have attended lectures regularly but if something is unclear I watch youtube videos to clear any confusion on the material. More specifically, I watch my professor's youtube videos that go more into depth than lectures.

Sometimes, I cannot attend lectures, but I will always watch the after video from my media.

I watched youtube videos and do the recommended problems in the textbook.

youtube videos

Professor Leonard on Youtube

Attending lectures and self-studying from the textbook

I have attended lectures and watched the youtube videos. I have also completed textbook questions for concepts I was struggling with.

Watching Professor Leonard and reading Rogawski's textbook which is probably the best textbook ever published. I don't attend the lectures because Mariano doesn't have enough time to cover everything. He's still a great person though.

I attend lectures regularly and do the homework.

I have been attending lectures, watching some of the youtube videos when I need to, and doing the textbook problems given to us.

a little bit of both and also some self study.

Attending lectures, reading the textbook, and trying the textbook problems are great methods for learning the material.

watched the youtube videos

I have watched Professor Leonard on youtube. Although his videos are very long, they provide an in-depth analysis of the information which I find very helpful. I also do all of the recommended textbook problems, all of the assigned homework (MyLab and reading assignments), and do as many extra worksheets that are provided as time allows. I also attend lectures regularly, which helps solidify my understanding, although I find that they are definitely supplemental to the material and going to them without having previously taught myself the material makes it hard to grasp what is being taught. I tried reading the textbook for the first two chapters, although I found it VERY confusing and I realized that it did not provide a good explanation of the material.

Comments

Lectures and mostly the homework problems.

lecture, quizzes and professor's office hours

Mainly lectures and videos

I attend every lecture and watch his helpful youtube videos!

I attend lectures regularly. I also read every section in the textbook and do every textbook problem that we get assigned to do. After I have a good grasp on the material for each section, I then do the textbook problems. The formatting of this course is very good, except for the terrible situation with the exams!!!

Having live lectures as well as recorded ones to go back to and reference helped me immensely with learning the material. I appreciated having extra help on the homework on certain questions so that I wouldn't have to wait for a TA or professor to hold office hours.

I teach myself via the homework on MyLab.

Combination of both

I watch Professor Leonard's youtube videos and occasionally attend lectures.

I attended lectures regularly and completed the homework.

I think attending lectures regularly is my preferred source to learn this course.

Lectures

Lectures and teaching myself with the textbook and khan academy.