



Rutgers University Student Instructional Rating

Fall 2019

Charnley, Matthew - MPC163

Calc I Math/phys - 01:640:151:41, 42, 43

Survey Form: *Standard SIRS

Enrollment: 75

Responses Received: 50

University-wide Instructor Questions

Weight of responses: 1=SD (Strongly Disagree), 2=D (Disagree), 3=N (Neutral), 4=A (Agree), 5=SA (Strongly Agree), Resp=Number of Student Responses

Weighted Means: Section, Course, Level, Department

	SD	D	N	A	SA	Resp	Section	Course	Level	Dept
The instructor Matthew Charnley was prepared for class and presented the material in an organized manner.	1	0	1	16	32	50	4.56	4.36	4.36	4.35
The instructor Matthew Charnley responded effectively to student comments and questions.	1	0	1	15	33	50	4.58	4.30	4.25	4.23
The instructor Matthew Charnley generated interest in the course material.	1	0	1	18	30	50	4.52	4.17	4.10	4.07
The instructor Matthew Charnley had a positive attitude toward assisting all students in understanding course material.	1	0	1	12	36	50	4.64	4.43	4.37	4.35
The instructor Matthew Charnley assigned grades fairly.	1	0	3	14	31	49	4.51	4.18	4.24	4.21
The instructional methods of Matthew Charnley encouraged student learning.	2	0	2	18	26	48	4.38	4.13	4.09	4.06

Teaching Effectiveness

Weight of responses: 1=P (Poor), 2=F (Fair), 3=A (Average), 4=G (Good), 5=E (Excellent), Resp=Number of Student Responses

Weighted Means: Section, Course, Level, Department

	P	F	A	G	E	Resp	Section	Course	Level	Dept
I rate the teaching effectiveness of the instructor Matthew Charnley as:	0	2	3	13	31	49	4.49	4.12	4.09	4.07

University-wide Course Questions

Weight of responses: 1=SD (Strongly Disagree), 2=D (Disagree), 3=N (Neutral), 4=A (Agree), 5=SA (Strongly Agree), Resp=Number of Student Responses

Weighted Means: Section, Course, Level, Department

	SD	D	N	A	SA	Resp	Section	Course	Level	Dept
I learned a great deal in this course.	1	1	5	29	13	50	4.06	4.07	4.02	4.06
I had a strong prior interest in the subject matter and wanted to take this course.	1	0	17	19	13	50	3.86	3.86	3.40	3.53

Course Quality

Weight of responses: 1=P (Poor), 2=F (Fair), 3=A (Average), 4=G (Good), 5=E (Excellent), Resp=Number of Student Responses

Weighted Means: Section, Course, Level, Department

	P	F	A	G	E	Resp	Section	Course	Level	Dept
I rate the overall quality of the course as:	1	1	6	29	13	50	4.04	3.96	3.84	3.87

What do you like best about this course?

These comments are intended for all instructors.

Comments
The fact that everything connected and made sense to me was most enjoyable.
Professor Matt is great.
homework
The workshops
I liked the group-based workshops that we did in recitations.
everything
interactive clicker questions
Professor can make me fully understand what I have learned
NONE OF IT.
Group discussions.
The ability to network with students who had prior knowledge with the course material.
The lectures and the Professor
Nothing.
I like the clicker questions the best. Professor Charnley provided the class with paper multiple-choice answers so none of us had to purchase expensive clickers.
The Professor
Professor always can give students some clear examples.
How calculus can explain many things. The complexity of this course also interested me.
Well organized and well paced.
It is math, my strong suit.
I liked the way topics flowed into each other
i like how we are given review guides and review sessions before the exams.
Even though this course is difficult sometimes, but I like taking challenges.
The professor made it fun to learn and was able to provide answers or help on all questions or problems or concepts.
Lecture
The professor was good.
It teaches you to think critically about problems, not just doing the exact same work for just slightly altered questions.

If you were teaching this course, what would you do differently?

These comments are intended for all instructors.

Comments
I may add more difficult questions in class.
spend more time on practice problems, or give more practice problems
DO AWAY WITH THE GARBAGE KNOWN AS "SAPLING" – It is such a low quality product because it pretty much has guaranteed revenue
Sapling explanations even when you got it right make no sense – They are also unnecessarily EXTREMELY COMPLICATED and difficult to understand
The sapling "help" when you get the answers wrong is USELESS – Even someone with straight As in the class has to sit there for a couple minutes figuring out what the "help" and "explanations" mean – Also, the help only tells me how to do it if I did it right – Like I OBVIOUSLY know what I'm doing, that's how I got so close to the answer
The Math Renderer is TRASH – It NEVER WORKS unless you refresh the page 5–6 times – Literally so many of my assignments were late because the renderer WOULD NOT WORK – and if the math renderer isn't working, it doesn't even give me the option to change the form of the math renderer code to MAKE IT WORK
I would provide homework problems that are like the exam questions.
give us more questions to solve
the online homework, get rid of it. even if you answer the question correctly it marks it wrong
nothing else
I would offer more practice problems for the students to work with and present examples of each type of problem starting with an easy problem and than slowly progressing to a harder one as well as showing them step by step on how to approach each problem. Not only that but I would try to see who is struggling with certain things and go over it another time. Sadly I might not pass this course this semester and I don't know what I'm gonna do.
Give easier quiz.
I would not do anything differently.
The sapling was really rough, maybe not have the impact a students grade so heavily.
GET RID OF SAPLING. it is horrendous to see that you grade homework on accuracy. Homework is there to help and learn, not to test... this sapling app has kept many Rutgers students very aggravated with the course in general.
I would leave more time at the end of class for the class to answer the review question on the clicker sheets. This way, the class will not have to rush to answer a question on something they have just learned.
Nothing
Do more exercises.
Spend more time on the more confusing topics.
I would prefer LA to grade quizzes earlier so I could see what mistakes I've made.
None
Maybe go slower on the more complicated topics or try and test through more tedious problems like the ones on the exams for better preparedness
I would filter out some of the questions on sapling. some of them we were not taught to do and were difficult to figure out
I will add a review section of the exams
Grade the quizzes faster and use a different website then sapling!!
Make the saplings like what we learned in class, or make what we learn in class like the saplings.
I would use a different application for the homework as sapling was very ineffective and not helpful in learning the material.

In what ways, if any, has this course or the instructor Matthew Charnley encouraged your intellectual growth and progress?

These comments are unique to the instructor Matthew Charnley.

Comments
Maybe you could add more difficult questions in class; therefore, we can learn better.
The amicability and willingness to address even the most stupid-seeming questions was awesome. Also, the clear explanations when asked questions.
It was nice that the lectures are posted so I can go back and review what I missed.
His teaching methods are very effective.
good
great lessons and very thoughtful work
The professor has taught me the way to solve problems
Hasn't encouraged my intellectual growth
As this is my second time taking the Math 151 course, I learned much more and became much successful in the course with the current instructor.
He answered my questions effectively.
Professor Matthew Charnley was enthusiastic about teaching Calculus. Thanks to his teaching, I learned much of these topics without much issue. If I was ever confused about a topic and asked him, he would always take the time to make sure I learned it. He also provided for my accommodations well.
Answered any questions that we had. The way he taught was very effective, as he gave example problems and went over them.
Matt Charnley is a great professor, he takes the time to address questions in class and assigns fair work.
He explained many of the topics very simply, and highlighted their usefulness and the many different ways in which they can be applied.
He answers questions and tries to explain more on topics he knows are the most difficult for the class
He is nice because he can always help students with questions
Present concepts from different perspectives that made them easy to understand
He has a lighthearted attitude in class, it relieves the difficulty of the course. He also cares about his students understanding the material.

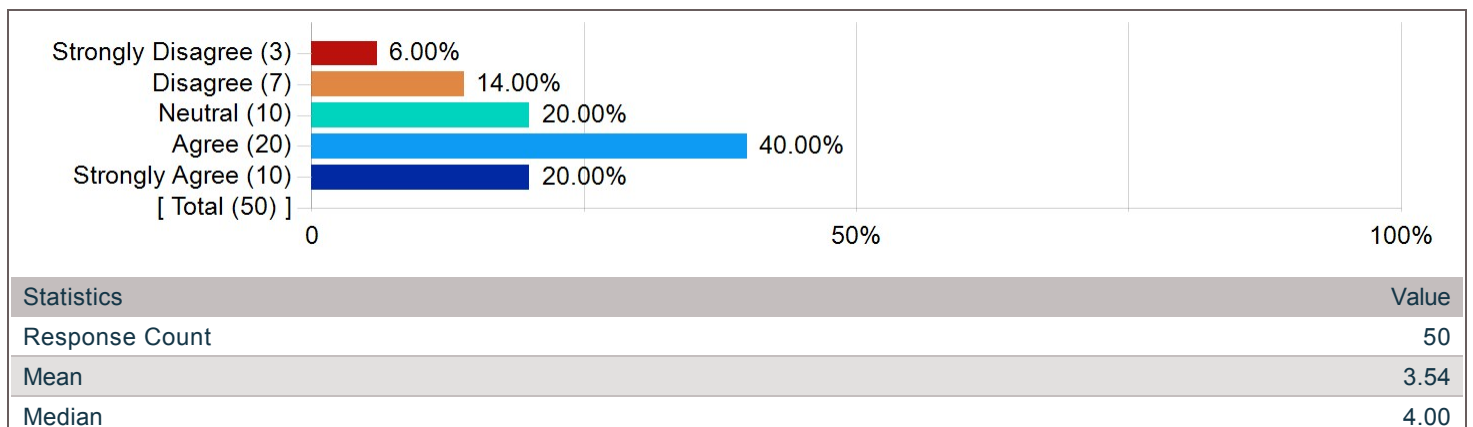
Other comments or suggestions:

These comments are intended for all instructors.

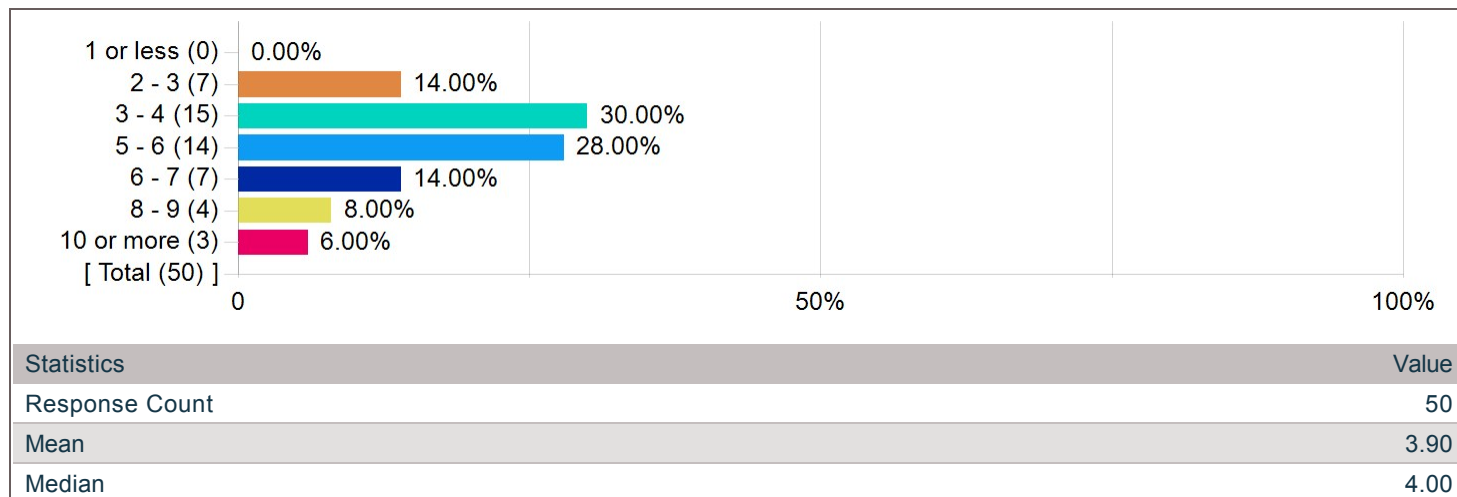
Comments
There are too many assignments.
Big takeaway?
SAPLING IS SYNONYMOUS WITH GARBAGE – I beg of thee, please don't make progeny go through what I did – It seems like an exxageration, but it is not. It was incredibly inconvenient, right when I needed it
There is no way that Sapling helped with my learning. AT ALL.
The sapling plus homework was awful to work with. I liked what we used back in high school, which was webassign.
Overall the course was interesting.
nothing
No.
No further comments/suggestions
N/a
First off, our teacher taught math through slides, and a tablet which when he wrote looked like chicken sratch no offense. perhaps writing on the board rather than doing problems on a preplanned, powerpoint would be better. the purpose is to learn concepts then do problems.
I have no other suggestions.
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Please do not make us use Sapling, it costs money and the feedback is terrible. I had hours of frustration sitting and trying to figure out questions in Sapling. Maybe the math department could make a whole set of homework assignments with answer keys that guided students who are struggling with a question.
please remove Riemann Sum!! The point of teaching it is understandable. But it is useless after learning Integration. Integration is way easier.
i think professors should give out optional extra practice sheets after every few sections with an answer key for students who want more practice.
pretty good.
Sapling is a bad website
The saplings were very difficult.

Questions Chosen by Instructor

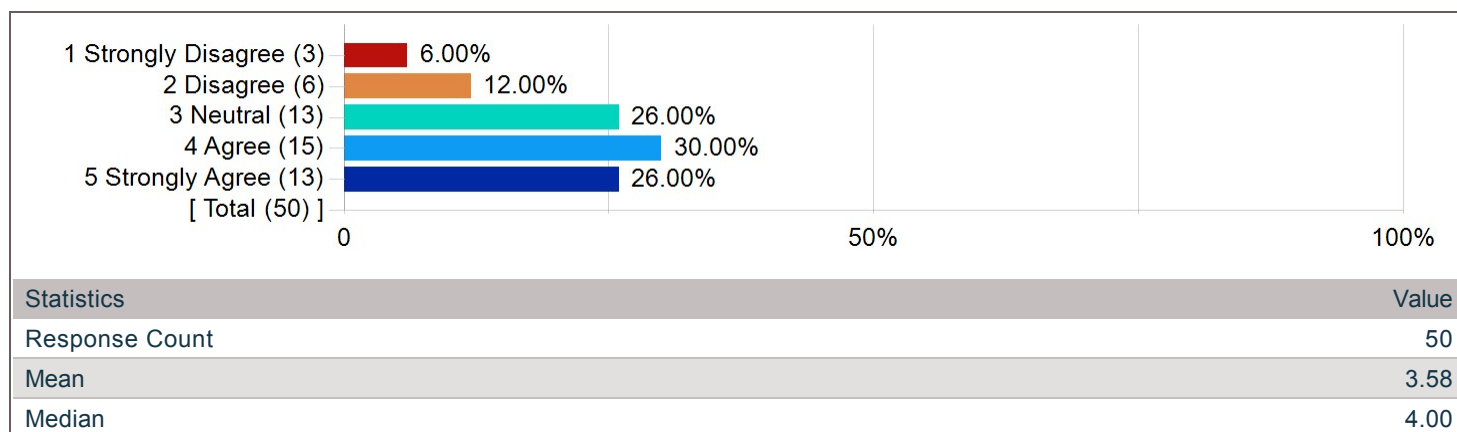
Assignments required a reasonable amount of time



Since the beginning of this course how many hours a week, on average, have you spent on this course in addition to class time?

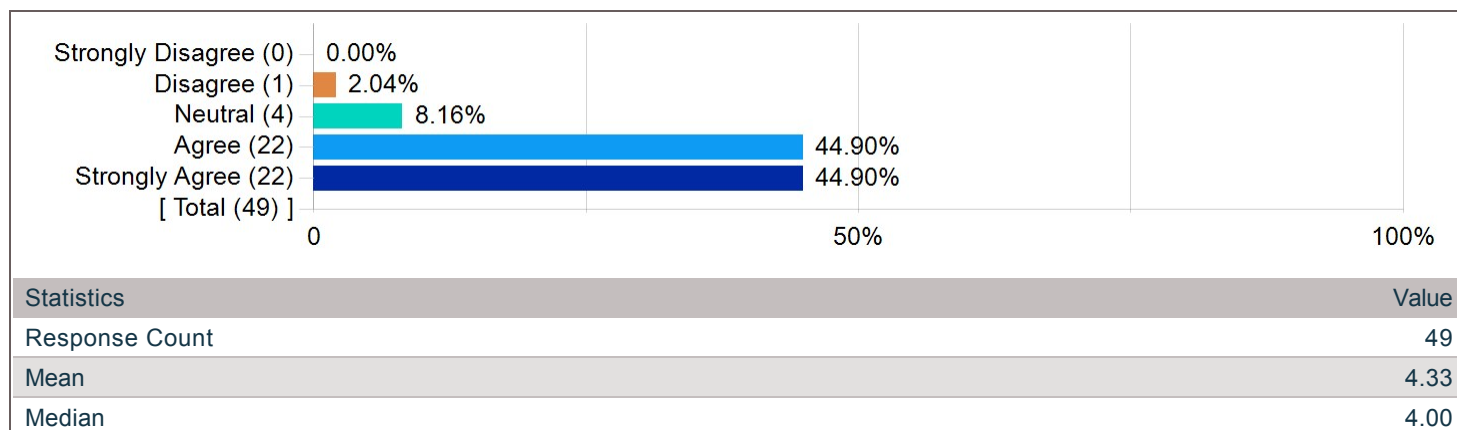


The instructional technologies were effective.



Questions Created by Instructor

The clicker questions were a helpful part of class.



What advice do you have for students taking this course in future semesters?

Comments
Manage and take time to digest the material because you can and will succeed. Practice is key and going to office hours helps to further comprehend material.
If you have question about current lesson, you should solve it immediately or you may not catch up further lessons.
After you buy Sapling, pray to GOD that it works – Also, it only works on Chrome, remember that
Do practice on your own, to fully understand it. Remember, conceptual understanding is the MOST IMPORTANT. If you have that, you can extrapolate your way out of any problem
Spread out the homework. Don't do all of them the night before. It gets overwhelming.
Pay attention in class and you'll be fine.
nothing
prepare for exams, as they are nothing like the course work. Much harder. Also, watch youtube videos and do a lot of practice problems
listen carefully in class
read the textbook, do a lot of practice problems by yourself, ask questions to whatever you don't understand, watch a lot of youtube you will teach yourself for the majority of this course.
It is a difficult course.
Be sure to review some of the course material prior to the beginning of the semester. With that knowledge and understanding, they'll be able to fly through the course.
Ask for help and study (if not by looking back at lecture notes then by homework)
don't take it if you have a heavy load, sapling will cut 3 hours a day of your time if you are someone who doesn't look up the answers.
The review on pre-calculus topics in the beginning of the course is fast. I would recommend taking 1–2 weeks to review pre-calculus material if they struggled with pre-calculus in the past or forgot most of it. Some calculus topics are difficult to learn/require practice so I would recommend re-reading material after you learn it in class and practicing a few book problems. I would also strongly recommend starting homework at least 1 day after it is assigned because it takes a long-time to complete.
Don't do all the homework in the day it's due.
Nothing.
Study and make sure you know what you are doing. Do practice problems in order to ensure you can do well on quizzes and exams.
pay attention a do homework
Pay attention in class.
take professor Charnley's class kids
Keep up with the material by doing complicated questions as you learn each topic
if they are struggling, get help immediately or they will get stuck behind
Try to do the homework every day. Do not finish all sections at the last minute.
Take notes, pay attention in lecture, do practice problems from the textbook.
Do the homework and pay attention in lecture
Join charnleys class.
To ensure that you understand harder versions of problems. Knowing the basics is not enough when it comes time for exams and quizzes.

Any comments specifically for Matthew Charnley?

Comments
Keep doing what you're doing because it's working and very helpful.
You did a great job!
Thank You for being so amicable. I know we are short on time, but practice problems would be nice.
Very good overall teacher. Helpful if you have any questions.
nothing
I wish he wasn't so rushed every class I can never write the notes on time. By the time he goes to the next page of notes, I'm nowhere near done the prior notes and this causes me to pay more attention to copying the notes than actually understand the material and this leads to confusion for the rest of the class session.
No.
No further comments.
The course was very interesting and the professor was very motivating and understanding of students needs :)
please write on the board more...
This class was a great introduction to Calculus. Just keep teaching how you teach!
Thank you
Nothing.
Great professor. Taught me a great deal of calculus in an effective manner.
I truly think that exams are way too long to finish on time even if I knew and practiced the material. And that grade ranges only extend the C grade, which makes it easy to get a C, but it also creates a big wall to get to a B grade. I would strongly suggest that if a C grade drops a significant number of points, the B grade should also drop, not as much, but some points would balance the grade ranges. As for the A grade, I think it's good to keep it the same as it is, as it is the highest grade in the class.
Please use an alternative to sapling.
One of the best math professor's I've ever had
He is a great professor.
extremely patient
Thank you for a great semester!
You did good.