



Office of Institutional Research
California State University, Chico

PRIVATE and CONFIDENTIAL

Student Evaluation of Teaching Results - Fall 2022

Thomas W Mattman,

Enclosed you will find the results of the Fall 2022 Student Feedback on Teaching and Learning (SFOT) for your course:

2228_MATH_120_01_1 - Analytic Geometry and Calculus

The SFOT form administered was SET_FORMU2.

In the analysis portion, the average values of all individual questions are listed.

Written comments (if any) will follow the individual question analysis.

If you have any further questions do not hesitate to contact the Office of Institutional Research.



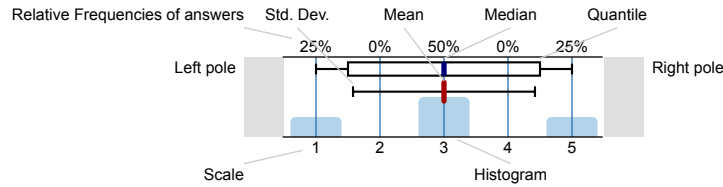
Thomas W Mattman

Analytic Geometry and Calculus (2228_MATH_120_01_1) Fall 2022
No. of responses = 15

Survey Results

Legend

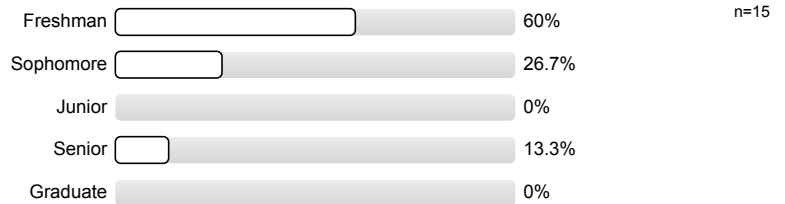
Question text



n=No. of responses
av.=Mean
md=Median
dev.=Std. Dev.
ab.=Abstention

1. GENERAL INFORMATION

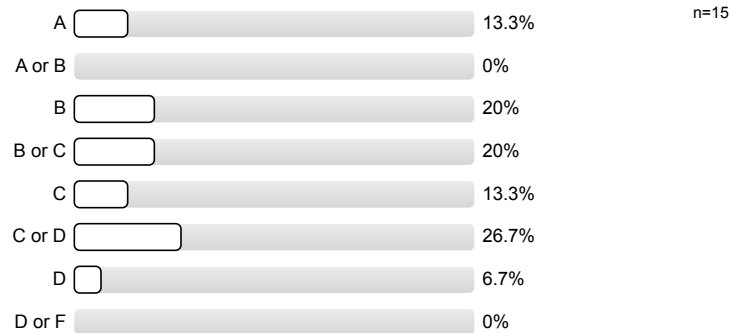
1.1) What is your current class standing at Chico State?



1.2) Was this course required or an elective?



1.3) What grade do you expect to receive in this course?



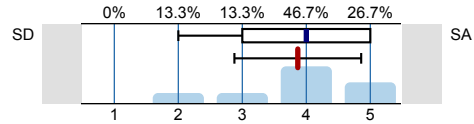
2. KEEPING UP Mark the answer that best applies

2.1) How well are you keeping up with the assignments and reading for this course? (Give a percentage estimate)



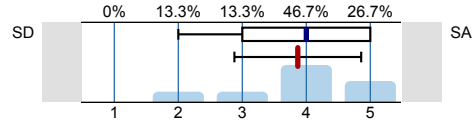
3. COURSE DESIGN AND SYLLABUS

3.1) The instructor clearly explained the course design and its structure.



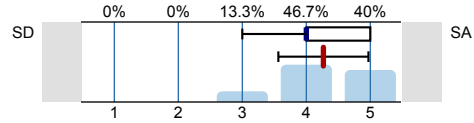
n=15
av.=3.87
md=4
dev.=0.99

3.2) I am able to easily navigate the course content (lectures, videos, reading/viewing materials, assignments, resources, etc.)



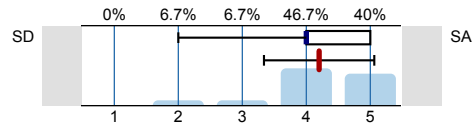
n=15
av.=3.87
md=4
dev.=0.99

3.3) The syllabus explains course requirements.



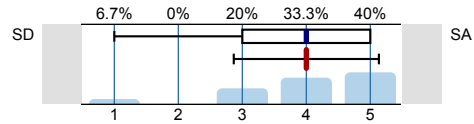
n=15
av.=4.27
md=4
dev.=0.7

3.4) The instructor follows the course syllabus.



n=15
av.=4.2
md=4
dev.=0.86

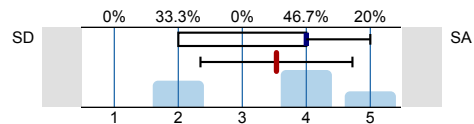
3.5) The instructor gives appropriate feedback.



n=15
av.=4
md=4
dev.=1.13

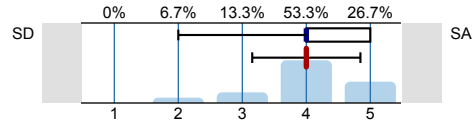
4. COMMUNICATION AND INTERACTION

4.1) Course materials are made available by the instructor in a timely manner.



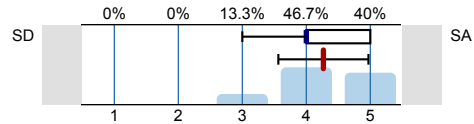
n=15
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md=4
dev.=1.19

4.2) I receive meaningful feedback on my work in this course.



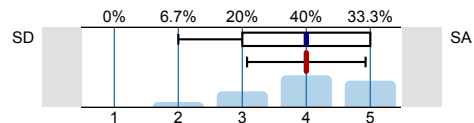
n=15
av.=4
md=4
dev.=0.85

4.3) I receive timely feedback on my work in this course.



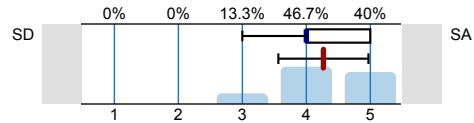
n=15
av.=4.27
md=4
dev.=0.7

4.4) The instructor communicates high expectations for student achievement.



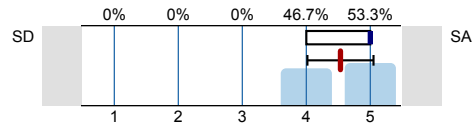
n=15
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dev.=0.93

4.5) The instructor clearly communicates submission deadlines and processes for assignments, tests, and other course tasks.



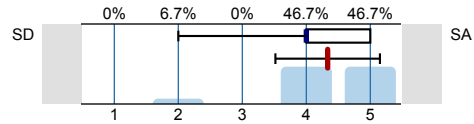
n=15
av.=4.27
md=4
dev.=0.7

4.6) The instructor is available during office hours.



n=15
av.=4.53
md=5
dev.=0.52

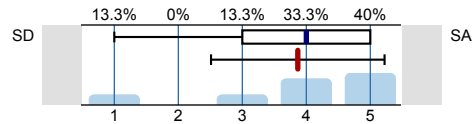
4.7) The instructor is accessible through other means of communication.



n=15
av.=4.33
md=4
dev.=0.82

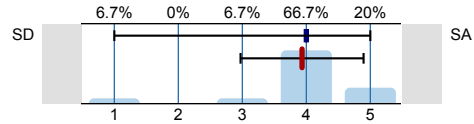
5. ENGAGEMENT AND LEARNING

5.1) My overall knowledge of the subject matter has increased due to the instruction of this course.



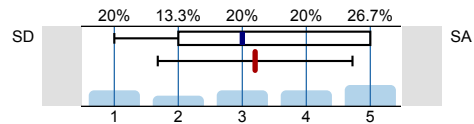
n=15
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dev.=1.36

5.2) The instructor provides opportunities for multiple forms of student engagement in this course.



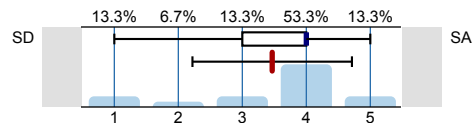
n=15
av.=3.93
md=4
dev.=0.96

5.3) The instructor presents the material in an understandable way.



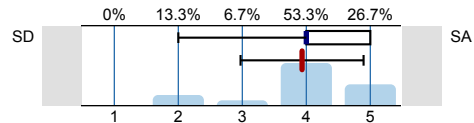
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av.=3.2
md=3
dev.=1.52

5.4) The course assignments contribute to learning.



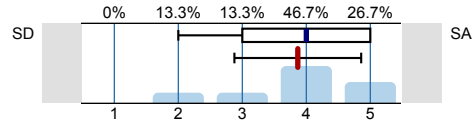
n=15
av.=3.47
md=4
dev.=1.25

5.5) The instructor is well prepared for class.



n=15
av.=3.93
md=4
dev.=0.96

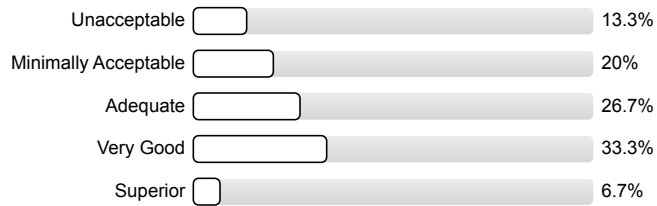
5.6) The instructor monitors student learning throughout the course.



n=15
av.=3.87
md=4
dev.=0.99

6. OVERALL/COMMENTS

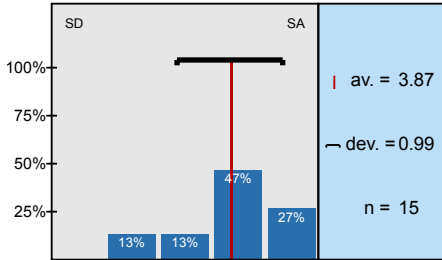
6.4) How do you rate the overall quality of teaching in this class?



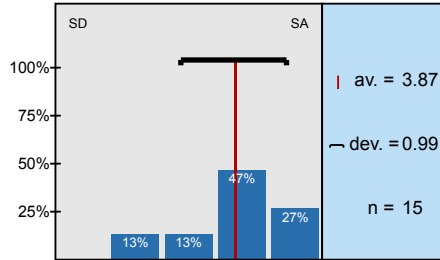
n=15
av.=3
dev.=1.2

Histogram for scaled questions

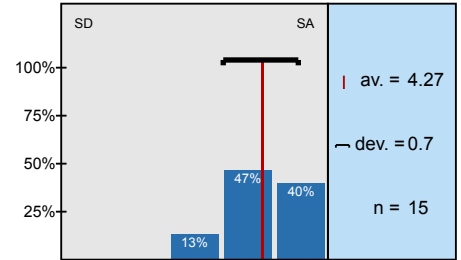
The instructor clearly explained the course design and its structure.



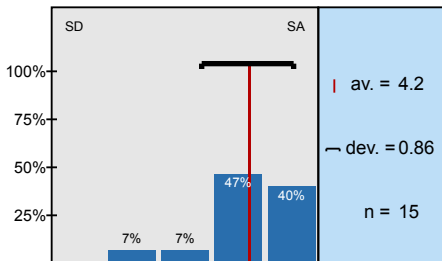
I am able to easily navigate the course content (lectures, videos, reading/viewing materials,



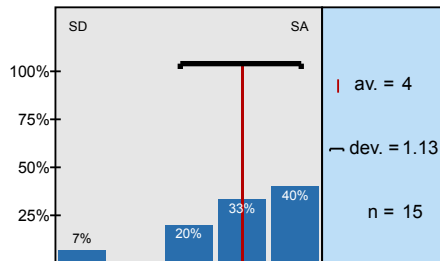
The syllabus explains course requirements.



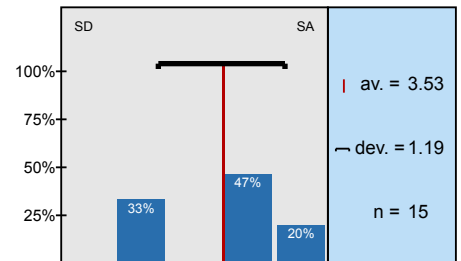
The instructor follows the course syllabus.



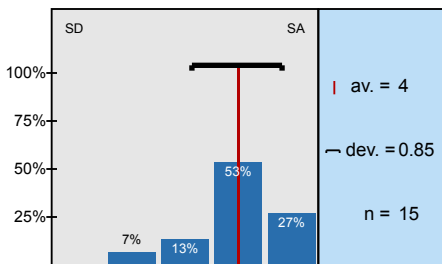
The instructor gives appropriate feedback.



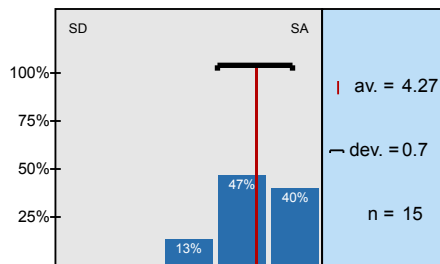
Course materials are made available by the instructor in a timely manner.



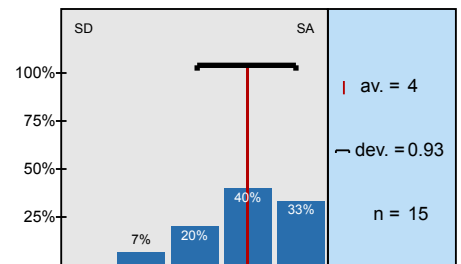
I receive meaningful feedback on my work in this course.



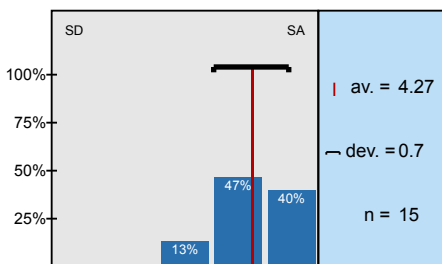
I receive timely feedback on my work in this course.



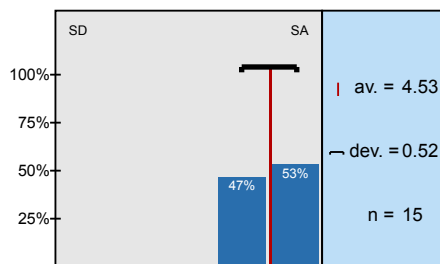
The instructor communicates high expectations for student achievement.



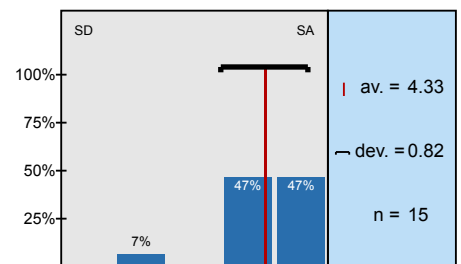
The instructor clearly communicates submission deadlines and processes for assignments, tests, and



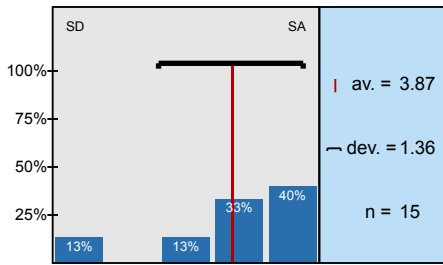
The instructor is available during office hours.



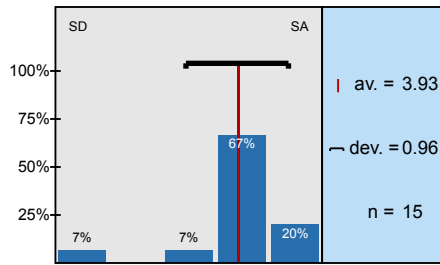
The instructor is accessible through other means of communication.



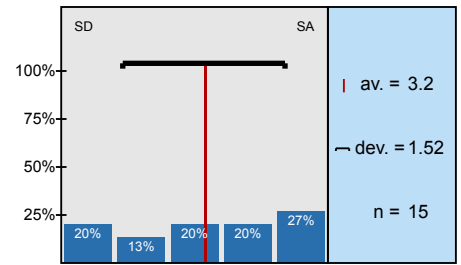
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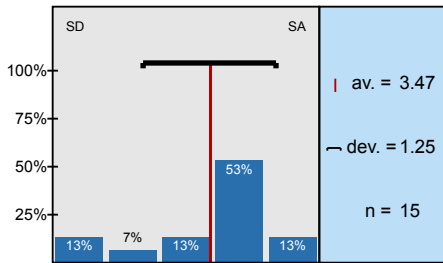
The instructor provides opportunities for multiple forms of student engagement in this course.



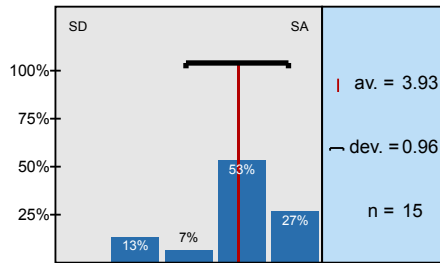
The instructor presents the material in an understandable way.



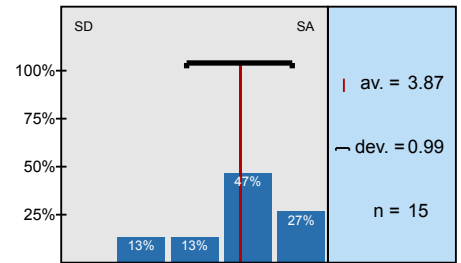
The course assignments contribute to learning.



The instructor is well prepared for class.



The instructor monitors student learning throughout the course.



Profile

Subunit: NSC - Mathematics and Statistics
 Name of the instructor: Thomas W Mattman
 Name of the course: Analytic Geometry and Calculus (2228_MATH_120_01_1)
 (Name of the survey)

Values used in the profile line: Mean

3. COURSE DESIGN AND SYLLABUS

3.1) The instructor clearly explained the course design and its structure.	SD					SA	n=15	av.=3.87	md=4.00	dev.=0.99
3.2) I am able to easily navigate the course content (lectures, videos, reading/viewing materials, assignments, resources, etc.)	SD					SA	n=15	av.=3.87	md=4.00	dev.=0.99
3.3) The syllabus explains course requirements.	SD					SA	n=15	av.=4.27	md=4.00	dev.=0.70
3.4) The instructor follows the course syllabus.	SD					SA	n=15	av.=4.20	md=4.00	dev.=0.86
3.5) The instructor gives appropriate feedback.	SD					SA	n=15	av.=4.00	md=4.00	dev.=1.13

4. COMMUNICATION AND INTERACTION

4.1) Course materials are made available by the instructor in a timely manner.	SD					SA	n=15	av.=3.53	md=4.00	dev.=1.19
4.2) I receive meaningful feedback on my work in this course.	SD					SA	n=15	av.=4.00	md=4.00	dev.=0.85
4.3) I receive timely feedback on my work in this course.	SD					SA	n=15	av.=4.27	md=4.00	dev.=0.70
4.4) The instructor communicates high expectations for student achievement.	SD					SA	n=15	av.=4.00	md=4.00	dev.=0.93
4.5) The instructor clearly communicates submission deadlines and processes for assignments, tests, and other course tasks.	SD					SA	n=15	av.=4.27	md=4.00	dev.=0.70
4.6) The instructor is available during office hours.	SD					SA	n=15	av.=4.53	md=5.00	dev.=0.52
4.7) The instructor is accessible through other means of communication.	SD					SA	n=15	av.=4.33	md=4.00	dev.=0.82

5. ENGAGEMENT AND LEARNING

5.1) My overall knowledge of the subject matter has increased due to the instruction of this course.	SD					SA	n=15	av.=3.87	md=4.00	dev.=1.36
5.2) The instructor provides opportunities for multiple forms of student engagement in this course.	SD					SA	n=15	av.=3.93	md=4.00	dev.=0.96
5.3) The instructor presents the material in an understandable way.	SD					SA	n=15	av.=3.20	md=3.00	dev.=1.52
5.4) The course assignments contribute to learning.	SD					SA	n=15	av.=3.47	md=4.00	dev.=1.25
5.5) The instructor is well prepared for class.	SD					SA	n=15	av.=3.93	md=4.00	dev.=0.96

5.6) The instructor monitors student learning throughout the course.



n=15 av.=3.87 md=4.00 dev.=0.99

Comments Report

6. OVERALL/COMMENTS

6.1) What did your Instructor do to make this class a good learning experience for you?

- Good way of teaching
- He followed the syllabus pretty well.
- He is always willing to go over the course material and is flexible with quiz and exam due dates. He explains problems with demonstrations on the board every day in class and seems to have the lessons in the book memorized.
- I liked doing homework on Edfinity and it was nice to go over some of the problems in class. Requiring 10 practice problems prior to a quiz really helped me understand the material better. I like that the textbook is freely available. The class is rigorous enough to make you think, but not so challenging that it becomes stressful.
- I liked that Dr. Mattman was always asking the class for what they thought was the next step, or if there were any problems that we needed to go over before we moved on.
- I respect this course and what it did for me. It gave me a really HARD lesson in understanding. I had to fight to stay alive in this course. I had no prior Calculus knowledge and so every part of this was a challenge. I had to understand the concept; that only happened after TWO or more viewings of a lecture video. Understanding where pieces of this lies was the hardest to grasp; which video do I watch and for which assignment and which video do I watch for the worksheet; it wasn't clear and so I had to go back to them and connect the pieces. Homework pushed what we needed to do even further. Quizzes and tests were difficult but fair in what process they wanted. This course was fair and didn't trick me; Dr. Mattman you didn't include concepts in graded material that we wouldn't have known; you kept it consistent in the flow (though this should be explained; explain the process you want from us). I respect this course because after all of it I can say I understand almost all the concepts, but to get there took all of my effort.

This course will teach you organization; it teaches you to take GOOD notes that you can refer back to and still understand. That's respectable.

- It was alright nothing above and beyond.
- Office hours were extremely helpful
- Provide opportunities to make up quizzes.
- Quick to respond to emails and student concerns- available during office hours.
- The instructor was very chill and was a good guy, he responded promptly to emails and was very flexible and accommodating with things like tests or deadlines.
- The video lectures and assignments given were easy to consume and complete while giving a very comprehensive explanation of the course material. After completing all the relevant material, I felt well prepared for class and for tests as I felt I was able to complete or at least attempt any problem thrown at me.
- To be honest there was not anything that made this class a good learning space other than the fact that he is really nice and understanding. His method of "teaching" which is to simply hand out a worksheet and let us students figure it out does not work for me at all and I had to go to a lot of outside resources to learn the course material.
- What I like is his lecture notes that I would receive each time I would need to receive I was always able to. Towards the final he was extremely helpful in order to need the final.
- very good at communicating deadlines

6.2) What could your instructor do in the future to make this a better class?

- Do more actual teaching of topics and concepts than just solving problems of that concept
 - Dr. Mattman give people a warning that the Chain Rule and Implicit Differentiation is where some start to fall off and fall behind and not understand (there's other concepts too after these where it becomes very hard to push through due to the difficulty in understanding, but these were the ones where I just couldn't understand what these were until MUCH later).
- Be direct and say that the only way to succeed in the course is to watch your lecture videos. Make this clear.
- I know that because of the length of the class that we were limited, but I wish that more of the teaching was done in class.
 - I think instead of making videos or just giving out worksheets, he should actually teach the topic we are learning and then assign homework based on what we are learning.

- I thought that the exams are too heavily weighted. The videos are okay, but sometimes they weren't helpful. It was easier for me to understand in class.
- I would like the instructor to go over the worksheets after the 15 or 10 minutes of class so all students are able to understand at the end.
- I'd recommend not wasting so much time doing homework problems for a single student, who ends up not understanding the problem anyways after several mistakes are made in the calculation process. I understand we're all human and bound to make mistakes, but when it happens in almost every problem, every day, and wastes 30-40 min of class time, it gets very tedious to go to class.
- Let students use calculators for quizzes, we learned the material using calculators and implement it using calculators on tests so it is a needless way to do the quizzes that just makes everyone's grades worse.
- Sometimes when working on a difficult problem on the homework we would get stuck doing one problem for the entire class period. Sometimes this was because of small mistakes, slowly working towards the correct solution, and being better prepared to address these problems could help.
- Teach more of the lessons in class instead of going over homework.
- The homework system is pretty terrible. Its called edfinity, the problems are not very well paired to the course material, lesson for lesson, and there is absolutely no problems solved or answers offered on a step by step basis which is one of the most important methods for most people to learn math subjects.
- The instructor does not teach at all in this class and the expectation is for the student to learn on their own at home. I feel like this is especially stressful in a course such as math and sets the students up for failure.
- Very hard to understand what he was trying to explain. Coursework is very confusing, having trouble learning.
- i feel like there was not very much teaching of the topics, rather just going over the homework assignments and answering questions.

6.3) **IMPORTANT:** Please give at least one reason to justify your rating.

- An instructor is a great person but he just does not teach.
- Believe there needs to be some improvement in teaching students the material in a better understandable way.
- Dr Mattman has been in the course offering support the entire time, its the HW system itself that is trash. I would rather have paid more money for a more comprehensive HW system. Using Edfinity is not a good idea when it causes so many students to drop out due to facing so much difficulty when trying to work through the bare bones online HW system.
- Dr. Mattman, you need to change things about this course to make it more understandable and more approachable and to help your students succeed. To help them succeed in homework, worksheets, quizzes, and the TESTS. But you were a fair teacher. You never tricked us. You never put problems on the homework, quizzes, or tests that we wouldn't know how to approach. As long as we had an understanding then we could work them at least partially through. Thank you. You gave us all the resources we needed to succeed; it just wasn't always clear where in those resources we should be, or how many times we should watch through them until we understand. I'll be more specific; before one of the biggest tests you would tell us that it would be on concepts from week 9 to week 13. Keep students motivated to watch the videos until they understand.
- Good class overall, but I struggled due to not being able to understand the material.
- Having taking Calculus before in high school, I felt the class was taught here in a way that was comprehensive and focused on making sure students can retain and learn as much about the subject as possible. After this class, I feel like I have grown in my overall knowledge and mathematics and attempt more difficult problems with more accuracy than before.
- I have enjoyed this class.
- I just feel he often didnt explain concepts and ideas in class more just solved problems and gave explanation videos to watch at home.
- I put a lot of work into this class each week and still have a poor grade, grades not reflecting effort or learning in the course.
- Like I said, our instructor is one of the nicest and most understanding teachers I have had but because we are handed a worksheet every day and just expected to figure it out, I cannot actually admit that there is any teaching going on.
- Personally, I believe I learn better through live teaching rather than video, but with the circumstances, this was the best way to go about presenting the content to us.
- The feedback on most assignments were very vague and not helpful. Most times he would just cross out your answer and not give any help as to what you messed up or anything. There were many times assignments or solutions to help study for an upcoming test didn't get posted till the night or morning before the assignment was due or test day. Overall, he just made an already very confusing class, even harder and more confusing for many students.
- The teaching was adequate.
- Though, his teaching is really good and helpful you kind of need to know the concepts beforehand which can become a good habit, but it

should from a standpoint of someone who has never taken a calc class before.