

# Arts and Sciences Student Course Opinion Questionnaire (Fall 2021) Completed

📅 Fall Semester 2021 / Student Course Evaluation (End of Term) / Anonymous Survey

Course Assignments: **1411** / Survey Participants: **22900**

Schedule: 11/29/2021 to 12/10/2021

Results Available: 1/6/2022



This survey completed on **Friday, December 10, 2021 at 11:59PM.**

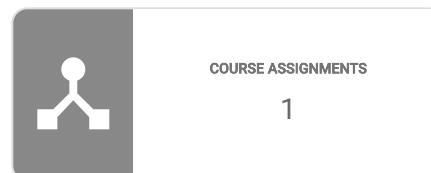
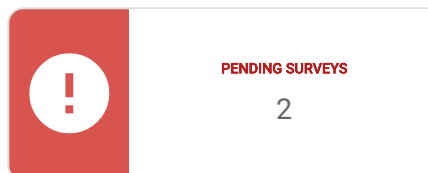
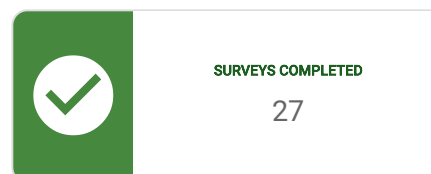
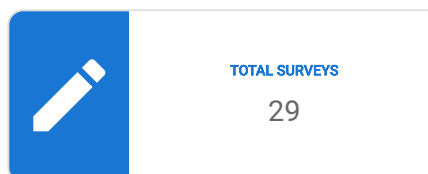
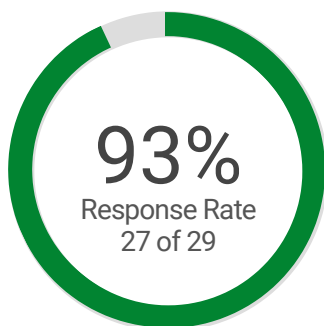
**Institution:** University of Rochester  
**College:** School of Arts and Sciences  
**Department:** Mathematics  
**Course Section:** MATH 235 3 Linear Algebra  
**Course Section Director:** 👤 NA  
**Instructor:** 👤 Sergio Chaves

## ❗ Parent - Linked Course Section

**MATH 235 3** is currently the parent record and linked to the following course section(s): **MATH 235W 1**.

Survey results have been combined for parent and linked course sections.

## 📊 Survey Overview : Course Section Results Aggregate



## 📊 Survey Data : Course Section Results Aggregate

Teaching Skills

1

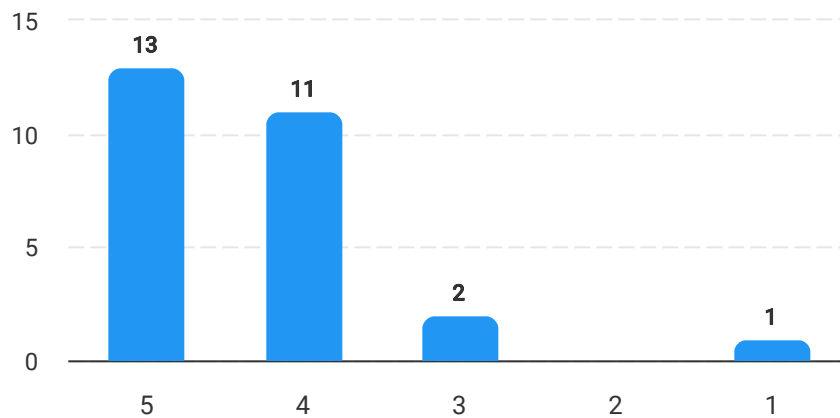
The instructor explained and emphasized important points clearly and effectively.

(Instructor Multi-Choice)



Sergio, Chaves Instructor

Value	Option	Total
5	A lot	13
4	Quite a bit	11
3	Somewhat	2
2	A little	0
1	Not at all	1



Average

4.30

Median

4.00

Mode

5

Std. Dev. (Standard  
Deviation)

0.90

Variance

0.80

2

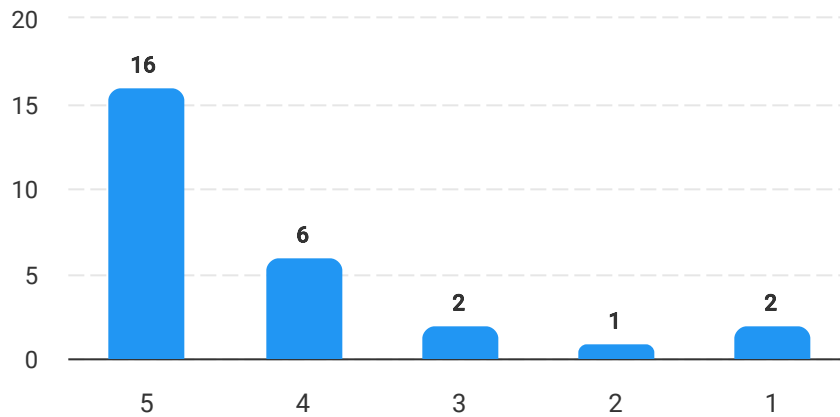
The instructor used examples that helped with understanding the material.

(Instructor Multi-Choice)



Sergio, Chaves Instructor

Value	Option	Total
5	A lot	16
4	Quite a bit	6
3	Somewhat	2
2	A little	1
1	Not at all	2



Average
4.22
Median
5.00
Mode
5
Std. Dev. (Standard Deviation)
1.20
Variance
1.43

3

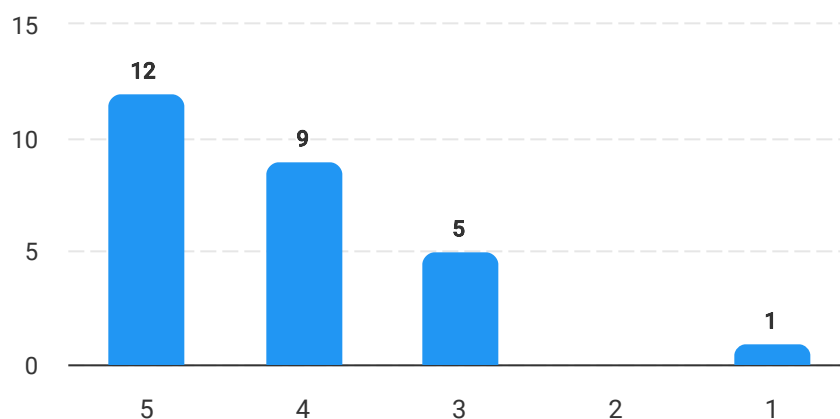
The instructor noticed when students did not understand and adjusted accordingly.

(Instructor Multi-Choice)



Sergio, Chaves Instructor

Value	Option	Total
5	A lot	12
4	Quite a bit	9
3	Somewhat	5
2	A little	0
1	Not at all	1



Average
4.15
Median
4.00
Mode
5
Std. Dev. (Standard Deviation)
0.97
Variance
0.94

Rapport with Students

4

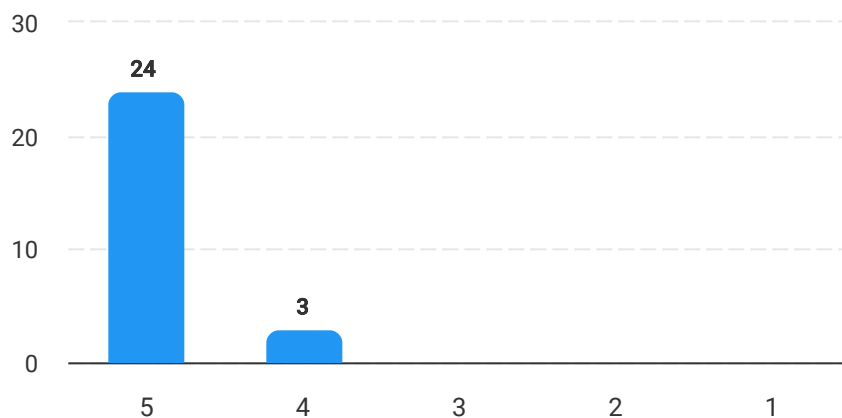
The instructor demonstrated sincere respect for students.

(Instructor Multi-Choice)



Sergio, Chaves Instructor

Value	Option	Total
5	A lot	24
4	Quite a bit	3
3	Somewhat	0
2	A little	0
1	Not at all	0



Average

4.89

Median

5.00

Mode

5

Std. Dev. (Standard  
Deviation)

0.31

Variance

0.10

5

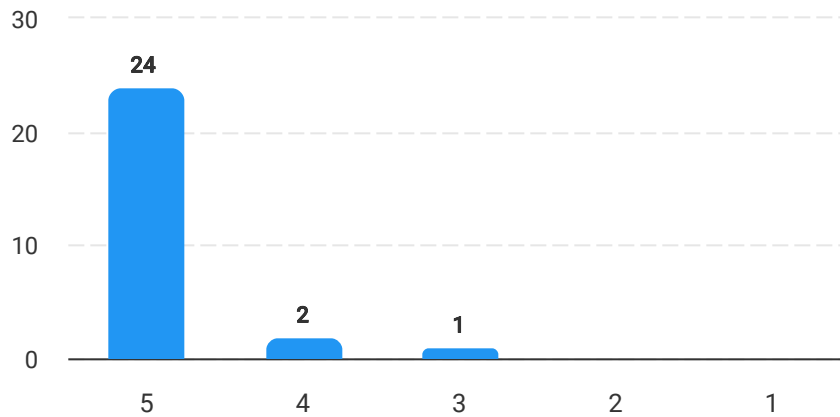
The instructor was willing to listen to student questions and/or opinions.

(Instructor Multi-Choice)



Sergio, Chaves Instructor

Value	Option	Total
5	A lot	24
4	Quite a bit	2
3	Somewhat	1
2	A little	0
1	Not at all	0



Average
4.85
Median
5.00
Mode
5
Std. Dev. (Standard Deviation)
0.45
Variance
0.20

6

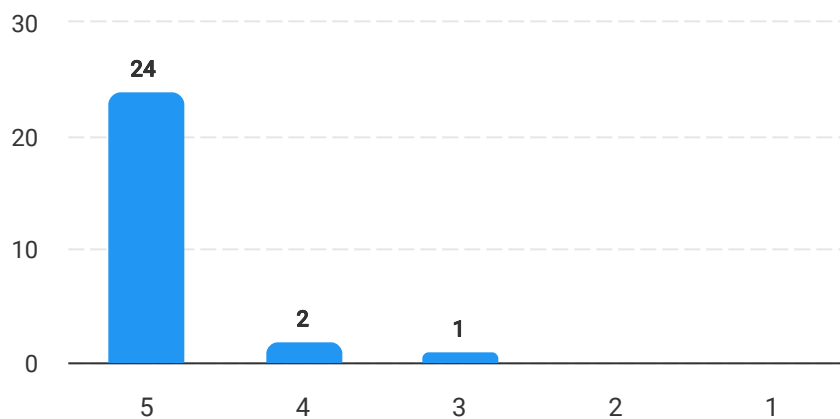
The instructor made himself/herself available for extra help.

(Instructor Multi-Choice)



Sergio, Chaves Instructor

Value	Option	Total
5	A lot	24
4	Quite a bit	2
3	Somewhat	1
2	A little	0
1	Not at all	0



Average
4.85
Median
5.00
Mode
5
Std. Dev. (Standard Deviation)
0.45
Variance
0.20

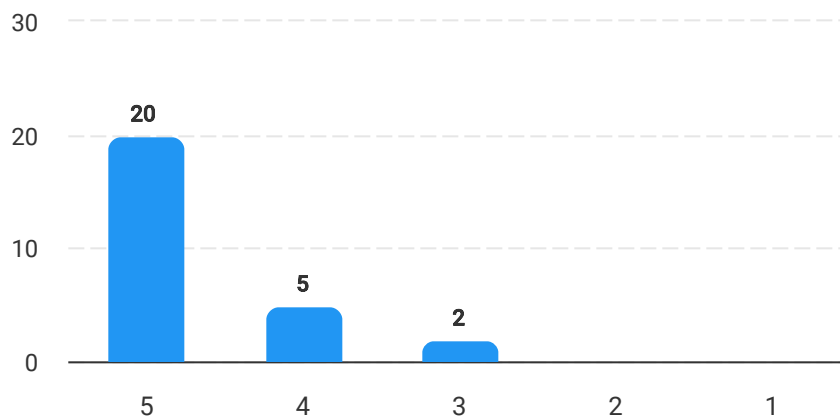
Quality of exams/assignments

7

The exams/assignments covered important aspects of the course.

(Multi-Choice, Single Answer)

Value	Option	Total
5	A lot	20
4	Quite a bit	5
3	Somewhat	2
2	A little	0
1	Not at all	0



Average

4.67

Median

5.00

Mode

5

Std. Dev. (Standard  
Deviation)

0.61

Variance

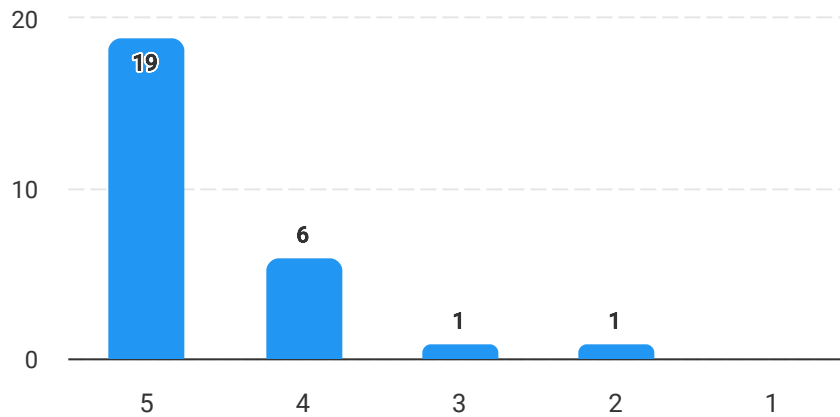
0.37

8

The assignments were helpful in understanding the material.

(Multi-Choice, Single Answer)

Value	Option	Total
5	A lot	19
4	Quite a bit	6
3	Somewhat	1
2	A little	1
1	Not at all	0



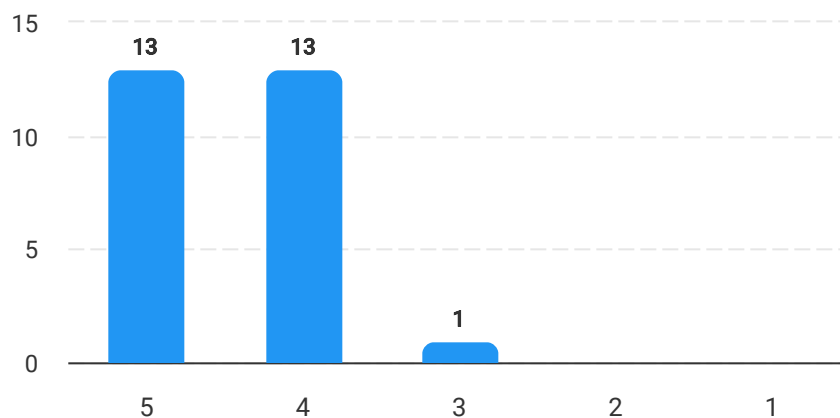
Average
4.59
Median
5.00
Mode
5
Std. Dev. (Standard Deviation)
0.73
Variance
0.54

9

The exams/assignments were clearly worded.

(Multi-Choice, Single Answer)

Value	Option	Total
5	A lot	13
4	Quite a bit	13
3	Somewhat	1
2	A little	0
1	Not at all	0



Average
4.44
Median
4.00
Mode
5,4
Std. Dev. (Standard Deviation)
0.57
Variance
0.32

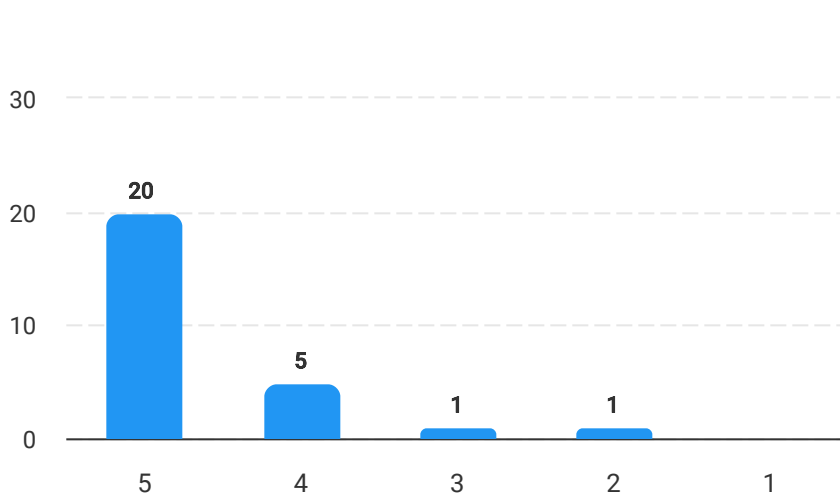
## Course Organization

10

Lectures / class discussions were well organized or well managed.

(Multi-Choice, Single Answer)

Value Option		Total
5	A lot	20
4	Quite a bit	5
3	Somewhat	1
2	A little	1
1	Not at all	0



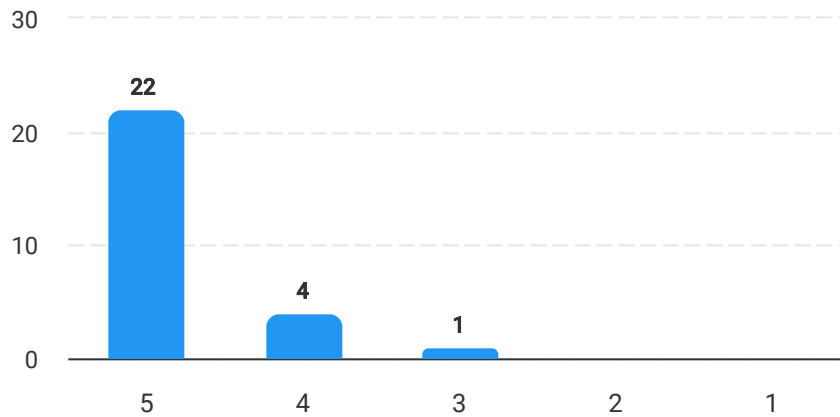
Average
4.63
Median
5.00
Mode
5
Std. Dev. (Standard Deviation)
0.73
Variance
0.53

11

Classes tended to stay appropriately on topic.

(Multi-Choice, Single Answer)

Value Option		Total
5	A lot	22
4	Quite a bit	4
3	Somewhat	1
2	A little	0
1	Not at all	0



Average
4.78
Median
5.00
Mode
5
Std. Dev. (Standard Deviation)
0.50
Variance
0.25

12

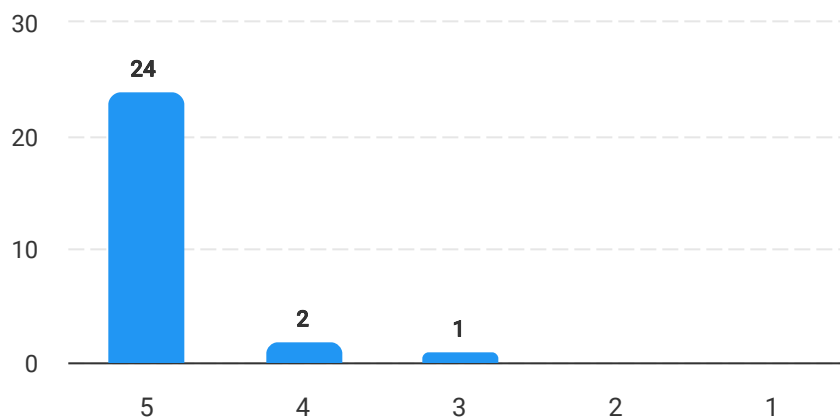
The instructor tended to be well prepared for class.

(Instructor Multi-Choice)



Sergio, Chaves Instructor

Value	Option	Total
5	A lot	24
4	Quite a bit	2
3	Somewhat	1
2	A little	0
1	Not at all	0



Average
4.85
Median
5.00
Mode
5
Std. Dev. (Standard Deviation)
0.45
Variance
0.20

Academic Honesty

13

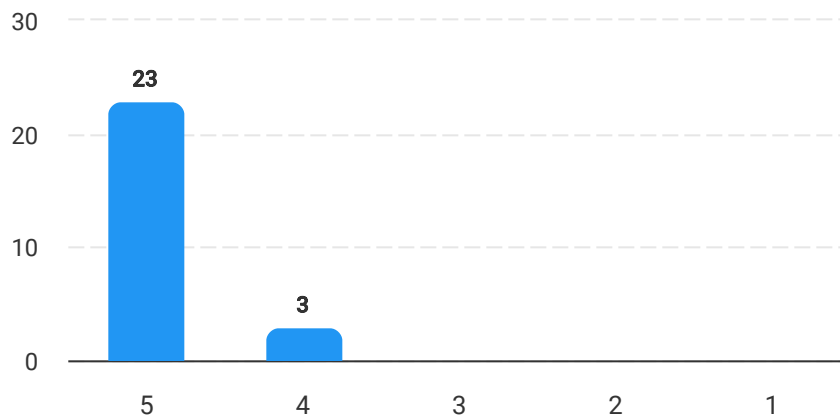
The instructor provided clear academic honesty guidelines for this course.

(Instructor Multi-Choice)



Sergio, Chaves Instructor

Value	Option	Total
5	A lot	23
4	Quite a bit	3
3	Somewhat	0
2	A little	0
1	Not at all	0



Average

4.88

Median

5.00

Mode

5

Std. Dev. (Standard  
Deviation)

0.32

Variance

0.10

## General Instructor

14

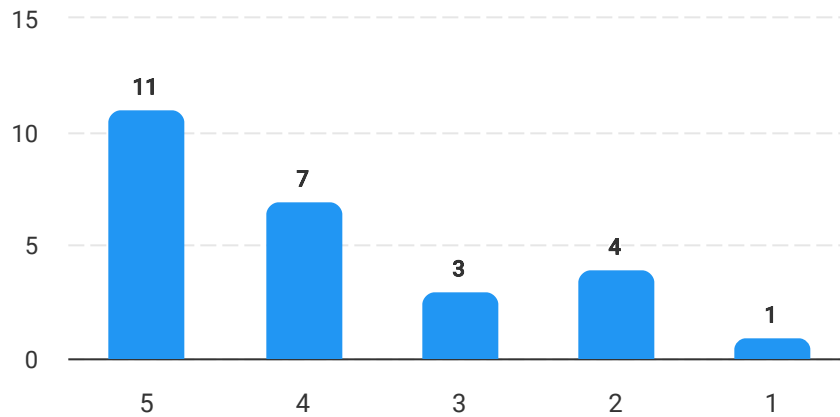
I have a stronger interest in the subject because of the instructor.

(Instructor Multi-Choice)



Sergio, Chaves Instructor

Value	Option	Total
5	A lot	11
4	Quite a bit	7
3	Somewhat	3
2	A little	4
1	Not at all	1



Average
3.88
Median
4.00
Mode
5
Std. Dev. (Standard Deviation)
1.22
Variance
1.49

15

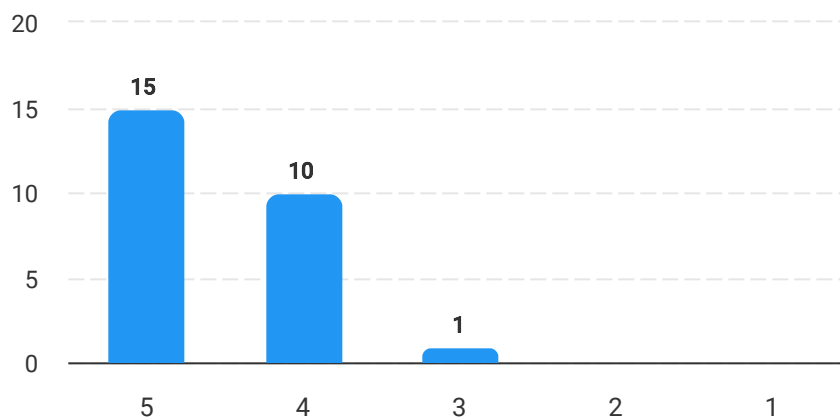
What overall rating would you give this instructor?

(Instructor Multi-Choice)



Sergio, Chaves Instructor

Value	Option	Total
5	Excellent	15
4	Very good	10
3	Average	1
2	Not very good	0
1	Very poor	0



Average
4.54
Median
5.00
Mode
5
Std. Dev. (Standard Deviation)
0.57
Variance
0.33

16

Comments on INSTRUCTOR:

(Instructor Text/Memo)



Sergio, Chaves Instructor

- I don't feel that Professor Chaves made the class, if that makes sense. And I actually think that that's a good thing. Students have a tendency to gravitate towards subjects when the teacher is entertaining, but that's not necessarily a realistic representation of the subject. That being said, I think that Professor Chaves was a very good instructor and very dedicated to the class and course material.
- great job!
- Professor Chaves was one of my favorite professors I had this semester. I could tell he has a passion for the subject and really cares about his student's success. He always comes to class with a very positive attitude, which can really make the difference for students who are having rough days or swamped with work.
- More examples with more specific would be better. But in general, the instructor is great.
- This was my first proof-based math course, which was a source of great anxiety for me. Professor Chaves made the content very digestible and eased us into proof writing, giving us a strong foundation for future proof based math classes. To my surprise, I greatly enjoyed this class and I learned a lot. Thank you Professor Chaves for a great semester!
- Overall it's great. I would say it is better if the instructor can focus more on explaining the basics
- Really enjoyed taking his class and he is really supportive!
- maybe can go over some stuff will be tested in the example like the example problem

really more chaves great clas  
students good that's made math subject  
course better enjoyed proof example

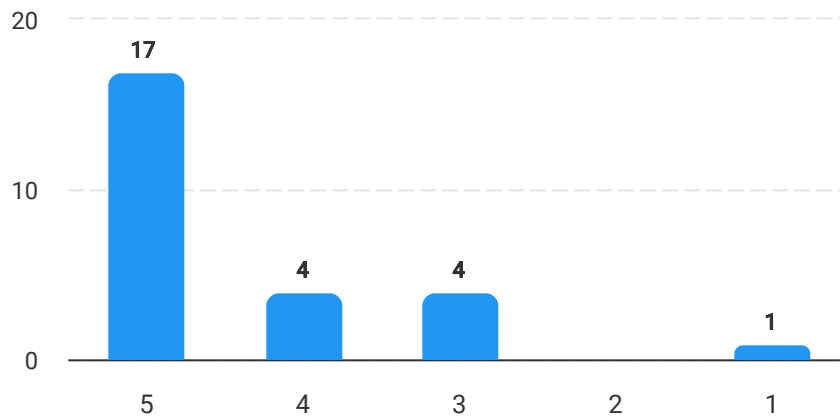
## General Course

17

I feel this class was valuable.

(Multi-Choice, Single Answer)

Value	Option	Total
5	A lot	17
4	Quite a bit	4
3	Somewhat	4
2	A little	0
1	Not at all	1



Average
4.38
Median
5.00
Mode
5
Std. Dev. (Standard Deviation)
1.00
Variance
1.01

18

### Comments:

(Text/Memo)

- I do feel the class was valuable, but it has taught me that I'm not as good at math as I thought I was—at least, I think more practice on proofs will help me build a stronger mathematical intuition.
- I am not a math major and am taking this class as an optional elective. I feel like linear algebra will benefit me greatly in the study of quantum mechanics, which I plan to pursue in depth.
- The class to me is hard and I struggle with it. Probably I am a student more into physics so that sometimes the abstract nature of this course really bothers me. But I think this course is very valuable especially for those who is into machine learning, algorithms and pure math.
- Very well thought out and easy to understand explanation and teaching
- the class gives me a understanding of math

class

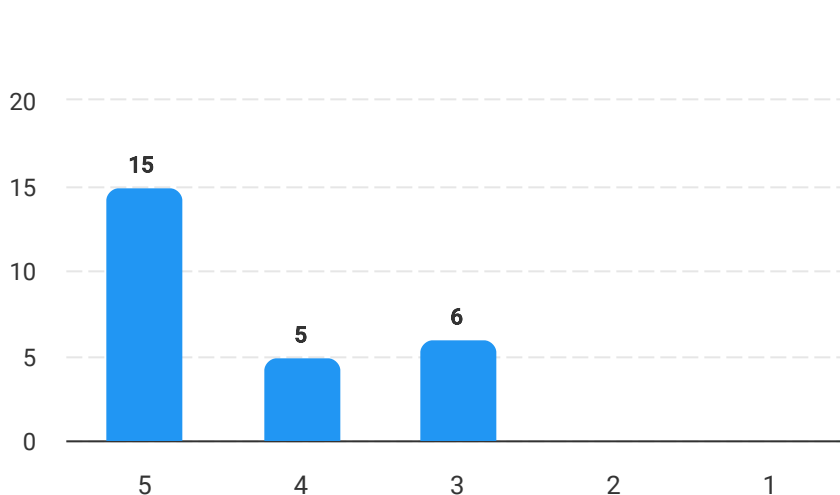
valuable  
feel

course  
more  
thought

math

What overall rating, would you give this course?

Value	Option	Total
5	Excellent	15
4	Very good	5
3	Average	6
2	Not very good	0
1	Very poor	0



Average
4.35
Median
5.00
Mode
5
Std. Dev. (Standard Deviation)
0.83
Variance
0.69

## Comments on COURSE:

(Text/Memo)

- I feel like there is some gap between Math 235 and Math 165 that the instructor assume some topics have already been covered in 165 which may not. Also, the grading is harsh.
- Exams having a copy of some homework problem was a nice idea in principle, but in reality It felt to me like it rewarded spending your time memorizing homework answers instead of understanding the material. On one of the exams I forgot the answer to the copied question and had to spend a significant amount of time rediscovering the answer, where I feel those who happened to remember it could have gotten through that problem much more quickly, and thus had a large time advantage over me.
- The course is good but so hard that many times I was struggled in the material.

time

exams  
165  
math  
feel  
homework

had  
answer  
material  
problem

## Course-Specific Questions

## COVID-Related Instruction

21

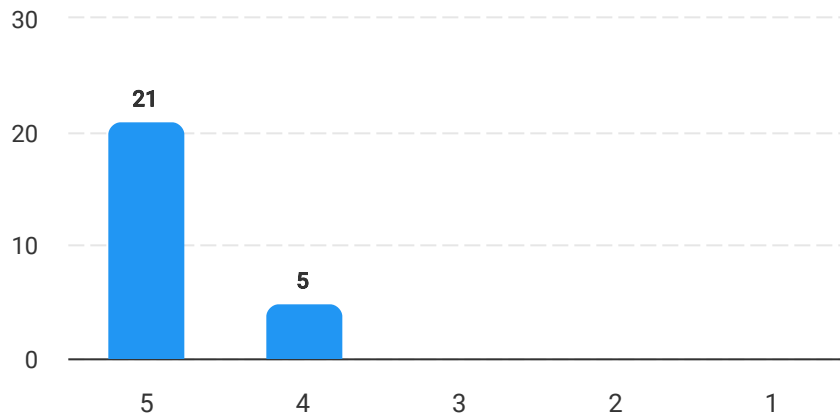
Under the current COVID-related instructional conditions, the instructor clearly articulated course expectations to students.

(Instructor Multi-Choice)



Sergio, Chaves Instructor

Value	Option	Total
5	A lot	21
4	A little	5
3	Somewhat	0
2	Not very well	0
1	Not at all	0



Average
4.81
Median
5.00
Mode
5
Std. Dev. (Standard Deviation)
0.39
Variance
0.16

22

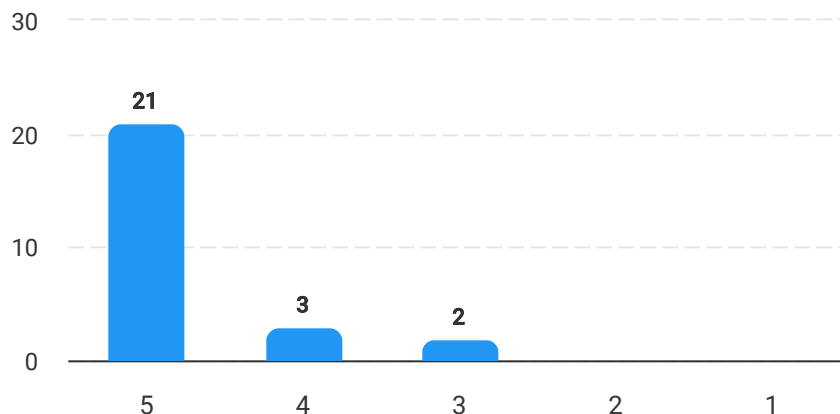
Under the current COVID-related instructional conditions, the instructor used distance learning technology (Blackboard, Zoom, discussion boards, etc.) effectively to communicate course material.

(Instructor Multi-Choice)



Sergio, Chaves Instructor

Value	Option	Total
5	A lot	21
4	A little	3
3	Somewhat	2
2	Not very well	0
1	Not at all	0



Average
4.73
Median
5.00
Mode
5
Std. Dev. (Standard Deviation)
0.59
Variance
0.35

23

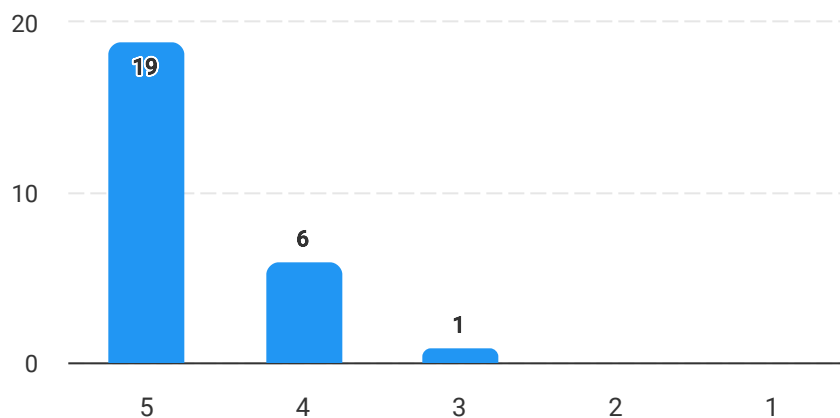
Under the current COVID-related instructional conditions, the instructor noticed when students did not understand course material and adjusted accordingly.

(Instructor Multi-Choice)



Sergio, Chaves Instructor

Value	Option	Total
5	A lot	19
4	A little	6
3	Somewhat	1
2	Not very well	0
1	Not at all	0



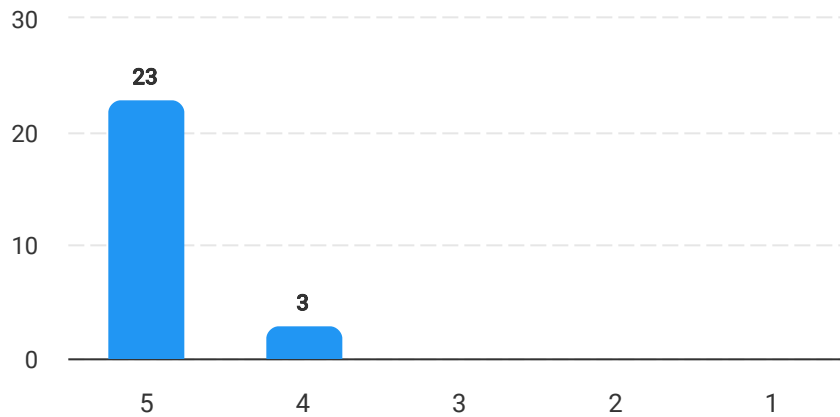
Average
4.69
Median
5.00
Mode
5
Std. Dev. (Standard Deviation)
0.54
Variance
0.29

24

Under the current COVID-related instructional conditions, I was able to access course materials (lectures, readings, discussion boards, etc.) when needed.

(Multi-Choice, Single Answer)

Value	Option	Total
5	Always	23
4	Often	3
3	Sometimes	0
2	Once in a while	0
1	Never	0



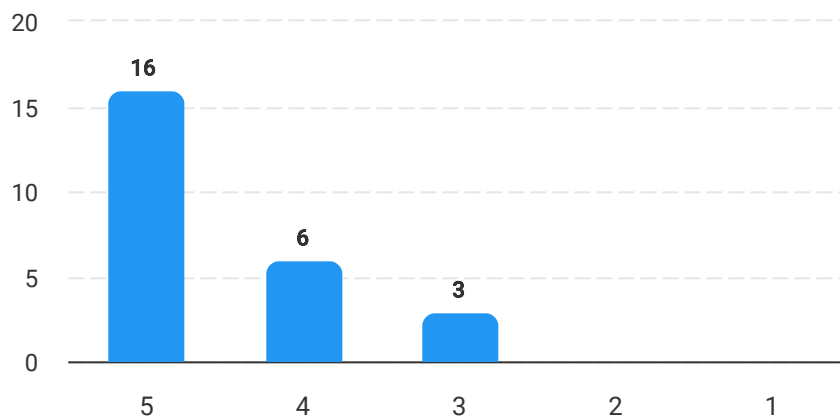
Average
4.88
Median
5.00
Mode
5
Std. Dev. (Standard Deviation)
0.32
Variance
0.10

25

How would you evaluate your educational experience in this course under the current COVID-related instructional conditions?

(Multi-Choice, Single Answer)

Value	Option	Total
5	Excellent	16
4	Good	6
3	Average	3
2	Poor	0
1	Very poor	0



Average
4.52
Median
5.00
Mode
5
Std. Dev. (Standard Deviation)
0.70
Variance
0.49

## About the Teaching Assistants

Please evaluate only the teaching assistant(s) that you worked with.

26	How approachable did the T.A. make him/herself? (Instructor Multi-Choice)
27	How enthusiastic was the T.A. about this course? (Instructor Multi-Choice)
28	If you had questions, could you get answers from the T.A.? (Instructor Multi-Choice)
29	What overall rating would you give the T.A.? (Instructor Multi-Choice)
30	Comments about the Teaching Assistant/s: (Instructor Text/Memo)

