University of Rochester
Survey Results Aggregate

Arts and Sciences Student Course Opinion Questionnaire (Fall 2022) `Completed`

📅 **Fall Semester 2022 / Student Course Evaluation (End of Term) / Anonymous Survey**

**Course Assignments:** `1265` / **Survey Participants:** `23153`

Schedule: 12/4/2022 to 12/16/2022

Results Available: 1/6/2023

📆 This survey completed on **Friday, December 16, 2022** at **11:59PM**.

Institution:	University of Rochester
College:	School of Arts and Sciences
Department:	Mathematics
Course Section:	MATH 165 3 Linear Algebra W/Diff. Equ
Course Section Director:	👤 NA
Instructor:	👤 Sergio Chaves

📊 Survey Overview : Course Section Results Aggregate

32%
Response Rate
23 of 73

TOTAL SURVEYS	SURVEYS COMPLETED
73	23

PENDING SURVEYS	COURSE ASSIGNMENTS
50	1
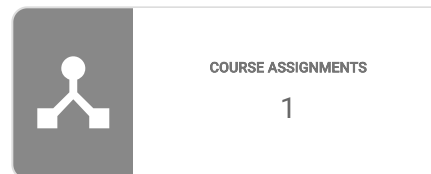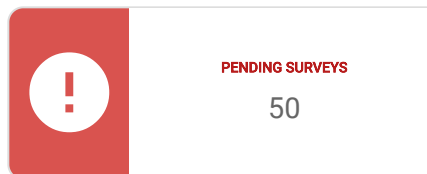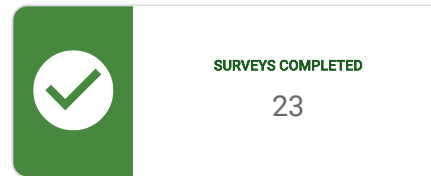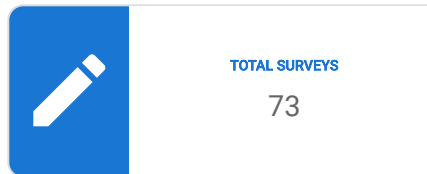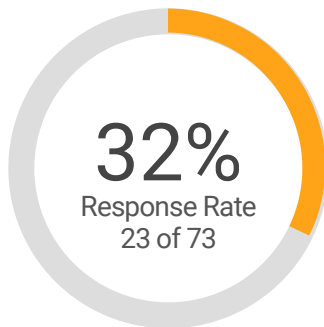
📊 Survey Metrics : Course Section Results Aggregate

Overall Instructor 📊

Overall Instructor Rating

Avg (Average) 4.35	Min 3	Max 5	#Resp (Number of Responses) 23	Target NA	Success NA

Overall Course

Overall Course Rating

3	3.25	3.5	3.75	4	4.25	4.5	4.75	5

Avg (Average) 4	Min 3	Max 5	#Resp (Number of Responses) 23	Target NA	Success NA
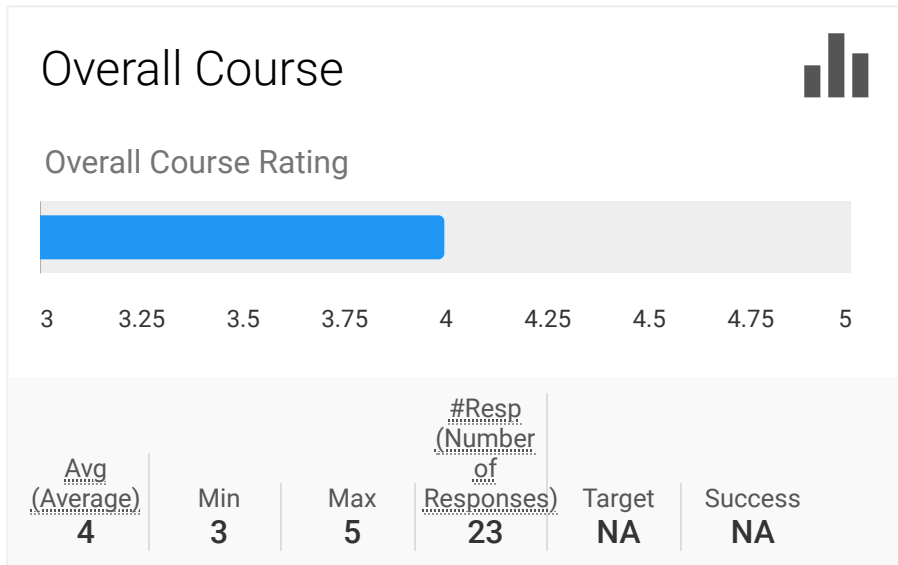
Survey Data : Course Section Results Aggregate
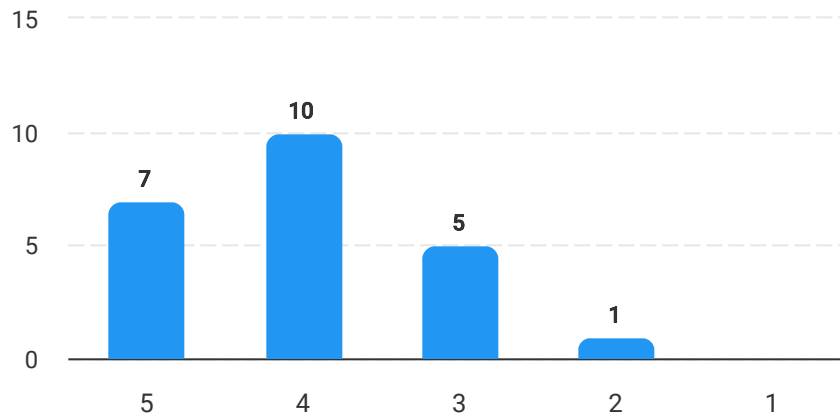
Teaching Skills

1 The instructor explained and emphasized important points clearly and effectively.

(Instructor Multi-Choice)

👤 Sergio, Chaves Instructor

Value	Option	Total
5	A lot	7
4	Quite a bit	10
3	Somewhat	5
2	A little	1
1	Not at all	0

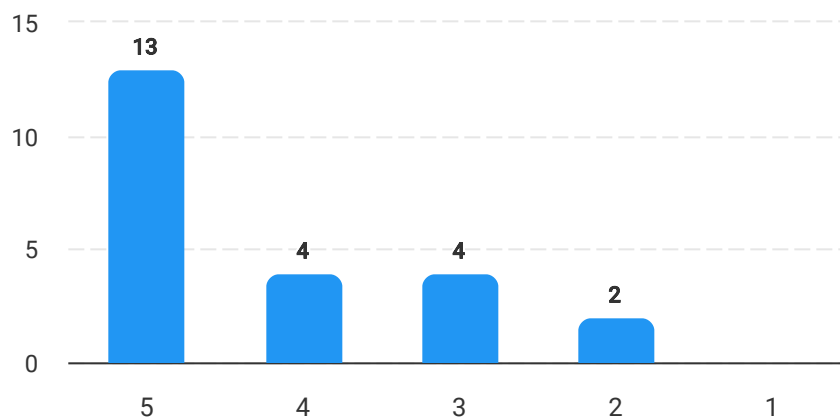|	Average
	4.00
	Median
	4.00
	Mode
	4
	Std. Dev. (Standard Deviation)
	0.83
	Variance
	0.70

2 The instructor used examples that helped with understanding the material.

(Instructor Multi-Choice)

👤 Sergio, Chaves Instructor

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

	Average
	4.22
	Median
	5.00
	Mode
	5
	Std. Dev. (Standard Deviation)
	1.02
	Variance
	1.04

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

(Instructor Multi-Choice)

👤 Sergio, Chaves Instructor

Value	Option	Total
5	A lot	6
4	Quite a bit	4
3	Somewhat	9
2	A little	4
1	Not at all	0
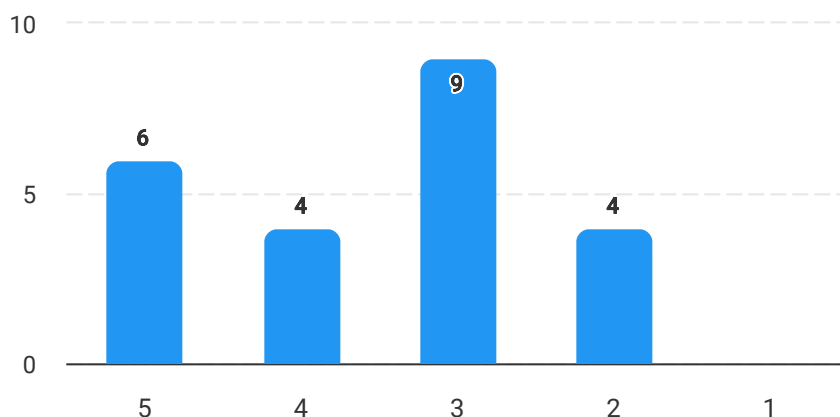
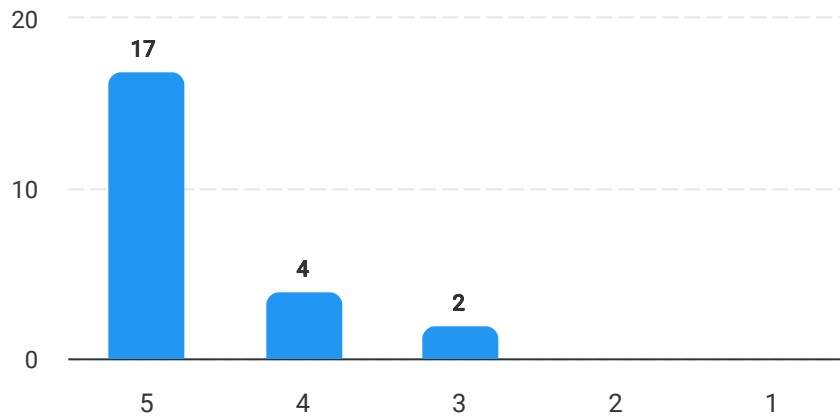|	
Average	3.52
Median	3.00
Mode	3
Std. Dev. (Standard Deviation)	1.06
Variance	1.12

Rapport with Students

4 The instructor demonstrated sincere respect for students.

(Instructor Multi-Choice)

👤 Sergio, Chaves Instructor

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

	Average
	4.65
	Median
	5.00
	Mode
	5
	Std. Dev. (Standard Deviation)
	0.63
	Variance
	0.40

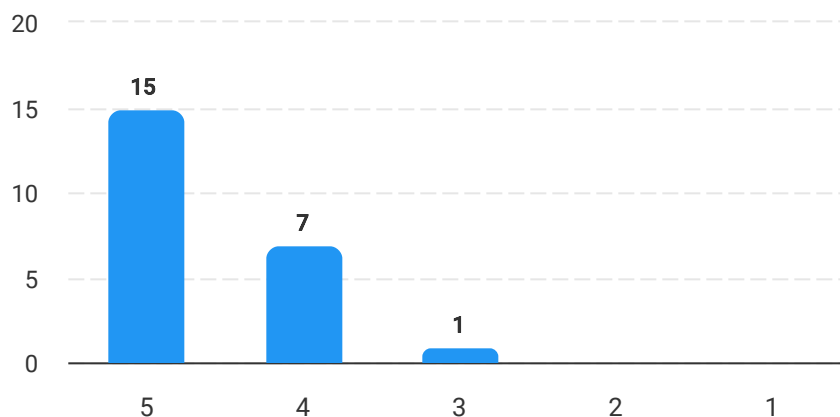(Chart: value 5 = 17, value 4 = 4, value 3 = 2)

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	15
4	Quite a bit	7
3	Somewhat	1
2	A little	0
1	Not at all	0

(Chart: value 5 = 15, value 4 = 7, value 3 = 1)

	Average
	4.61
	Median
	5.00
	Mode
	5
	Std. Dev. (Standard Deviation)
	0.57
	Variance
	0.33

6 The instructor made himself/herself available for extra help.

(Instructor Multi-Choice)

👤 Sergio, Chaves Instructor

Value	Option	Total
5	A lot	15
4	Quite a bit	3
3	Somewhat	5
2	A little	0
1	Not at all	0
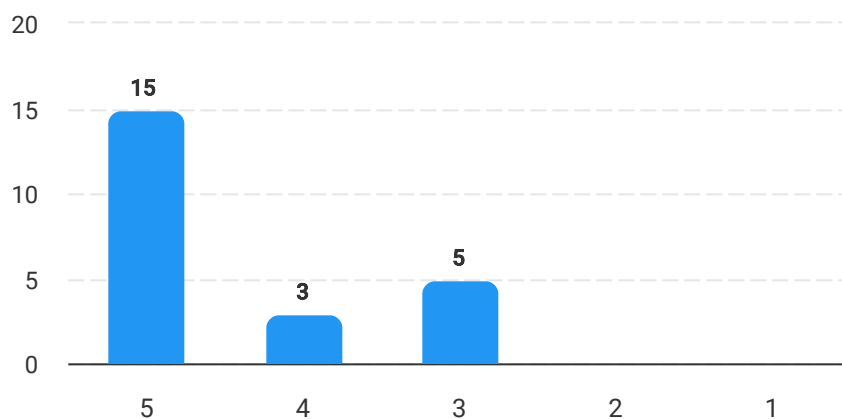
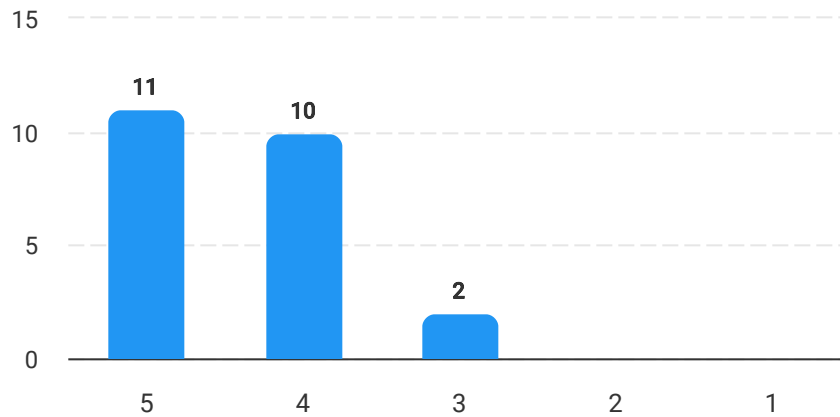|	
Average	4.43
Median	5.00
Mode	5
Std. Dev. (Standard Deviation)	0.82
Variance	0.68

Quality of exams/assignments

7 The exams/assignments covered important aspects of the course.

(Multi-Choice, Single Answer)

Value	Option	Total
5	A lot	11
4	Quite a bit	10
3	Somewhat	2
2	A little	0
1	Not at all	0

	Average
	4.39
	Median
	4.00
	Mode
	5
	Std. Dev. (Standard Deviation)
	0.64
	Variance
	0.41

Chart values: 5 → 11, 4 → 10, 3 → 2, 2 → (none), 1 → (none)

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8 The assignments were helpful in understanding the material.

(Multi-Choice, Single Answer)

Value	Option	Total
5	A lot	15
4	Quite a bit	5
3	Somewhat	3
2	A little	0
1	Not at all	0

Chart values: 5 → 15, 4 → 5, 3 → 3, 2 → (none), 1 → (none)
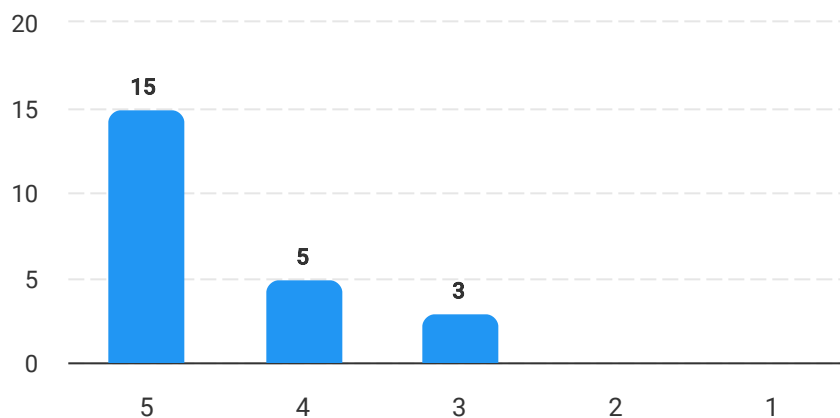
	Average
	4.52
	Median
	5.00
	Mode
	5
	Std. Dev. (Standard Deviation)
	0.71
	Variance
	0.51

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9 The exams/assignments were clearly worded.

(Multi-Choice, Single Answer)

Value	Option	Total
5	A lot	15
4	Quite a bit	5
3	Somewhat	3
2	A little	0
1	Not at all	0
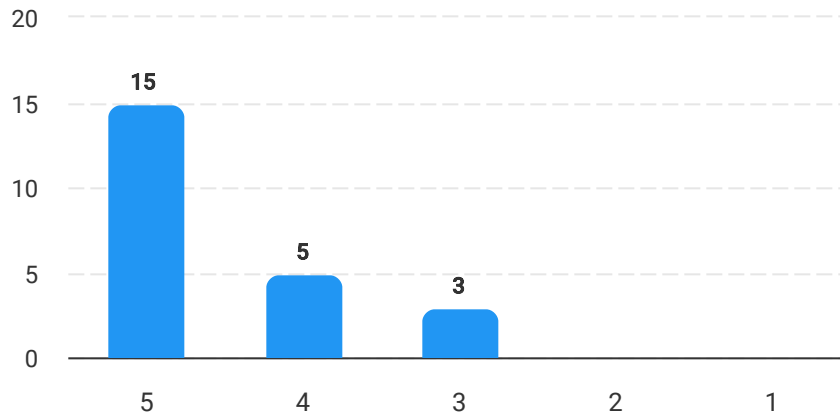
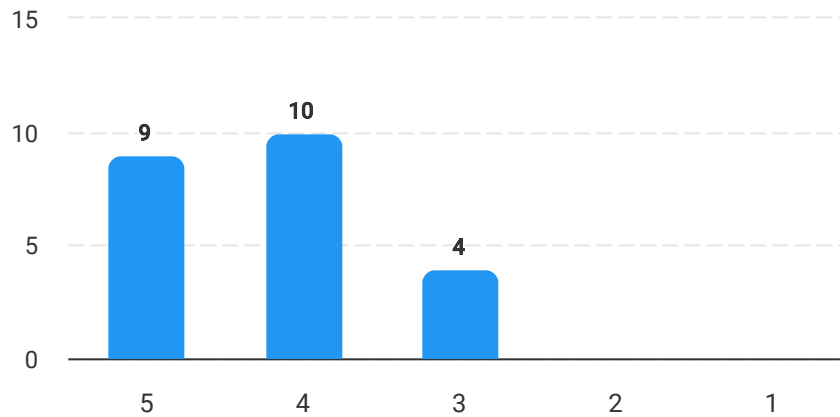|	
Average	4.52
Median	5.00
Mode	5
Std. Dev. (Standard Deviation)	0.71
Variance	0.51

Course Organization

10 Lectures / class discussions were well organized or well managed.

(Multi-Choice, Single Answer)

Value	Option	Total
5	A lot	9
4	Quite a bit	10
3	Somewhat	4
2	A little	0
1	Not at all	0

Average
4.22

Median
4.00

Mode
4

Std. Dev. (Standard Deviation)
0.72

Variance
0.52

11 Classes tended to stay appropriately on topic.

(Multi-Choice, Single Answer)

Value	Option	Total
5	A lot	15
4	Quite a bit	7
3	Somewhat	1
2	A little	0
1	Not at all	0
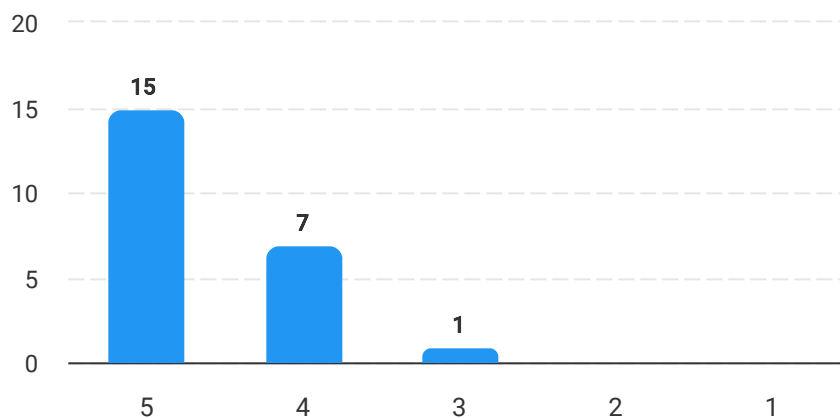
Average
4.61

Median
5.00

Mode
5

Std. Dev. (Standard Deviation)
0.57

Variance
0.33

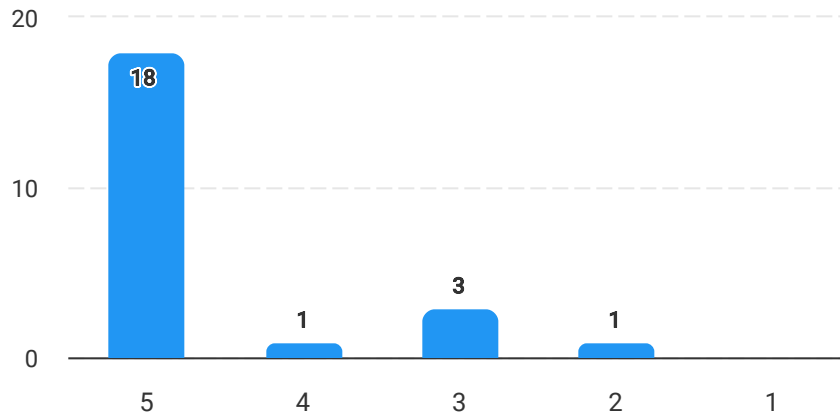**12** The instructor tended to be well prepared for class.

(Instructor Multi-Choice)

👤 Sergio, Chaves Instructor

Value	Option	Total
5	A lot	18
4	Quite a bit	1
3	Somewhat	3
2	A little	1
1	Not at all	0

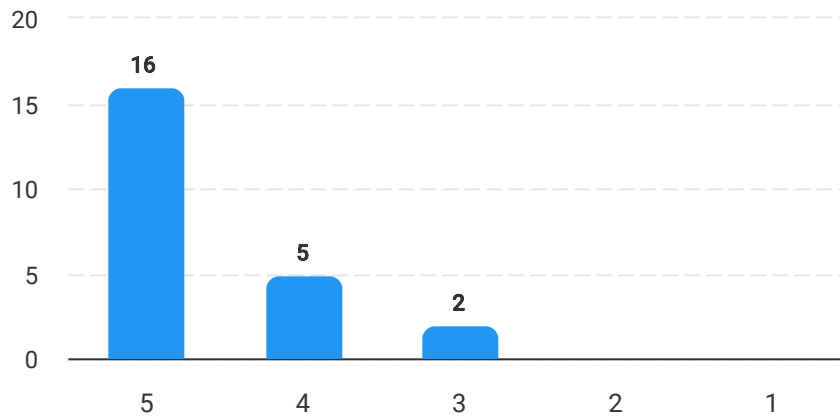|	
Average	4.57
Median	5.00
Mode	5
Std. Dev. (Standard Deviation)	0.88
Variance	0.77

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	16
4	Quite a bit	5
3	Somewhat	2
2	A little	0
1	Not at all	0

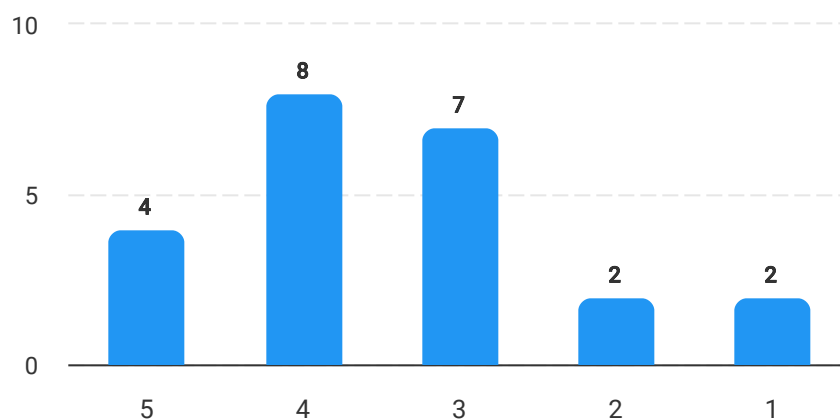|	
Average	4.61
Median	5.00
Mode	5
Std. Dev. (Standard Deviation)	0.64
Variance	0.41

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	4
4	Quite a bit	8
3	Somewhat	7
2	A little	2
1	Not at all	2

Average	3.43
Median	4.00
Mode	4
Std. Dev. (Standard Deviation)	1.14
Variance	1.29

15 What overall rating would you give this instructor?
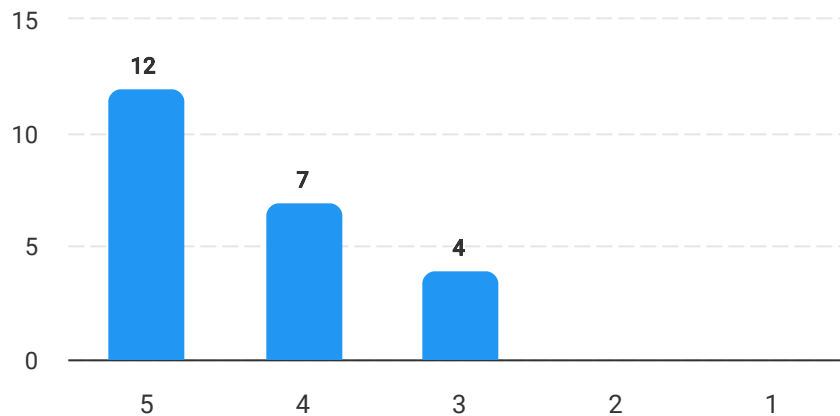
(Instructor Multi-Choice)

📊 Overall Instructor

👤 Sergio, Chaves Instructor

Value	Option	Total
5	Excellent	12
4	Very good	7
3	Average	4
2	Not very good	0
1	Very poor	0

Average	4.35
Median	5.00
Mode	5
Std. Dev. (Standard Deviation)	0.76
Variance	0.57

16 Comments on INSTRUCTOR:

(Instructor Text/Memo)

👤 Sergio, Chaves Instructor

- Professor Chaves was very well organized throughout the semester and made it easy to access and learn content through his lectures, zooms, and well-kept notes. Homeworks were well-designed to help guide students in learning and refining their Linear Algebra skills. He seemed to keep right on pace, if not ahead of schedule, for the class while still being sure to thoroughly cover each topic.
- Great instructor
- Professor Chaves is very willing to provide extra help if students are struggling understanding the content. His lectures are somewhat difficult to follow but he does a great job answering student's questions and clarifying concepts if needed.
- He knew what he was doing and was passionate about it but had some trouble conveying information to the students. The focus on definitions using variables rather than practicing logical examples made it difficult to learn from.
- very helpful and nice!! accent was a little difficult to understand.

- Doctor Sergio Chaves managed to clearly present the subject of linear algebra with a clear organized structure on the board while simultaneous speaking at a clear and reasonable pace.

clear while pace algebra linear help lectures content made organized learn
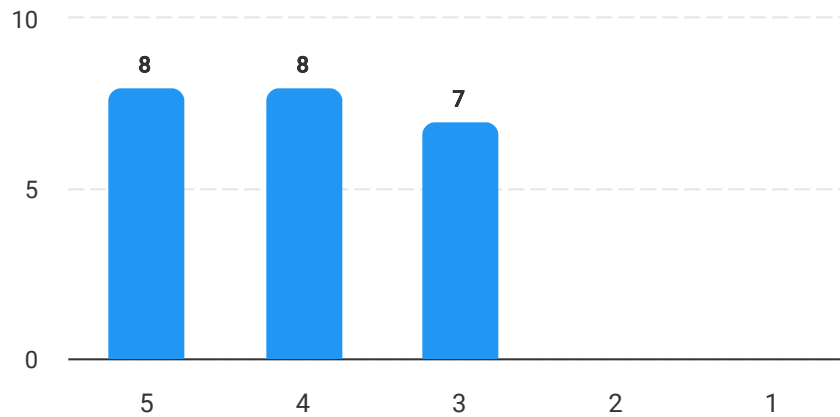
chaves

General Course

17 I feel this class was valuable.

(Multi-Choice, Single Answer)

Value	Option	Total
5	A lot	8
4	Quite a bit	8
3	Somewhat	7
2	A little	0
1	Not at all	0

Average	4.04
Median	4.00
Mode	5,4
Std. Dev. (Standard Deviation)	0.81
Variance	0.65

18 Comments:

(Text/Memo)

- 165 helped begin the transition from the Calc series into many higher-level math concepts, such as matrices, differential equations, and vector-based calculus.

Word Cloud Not Available

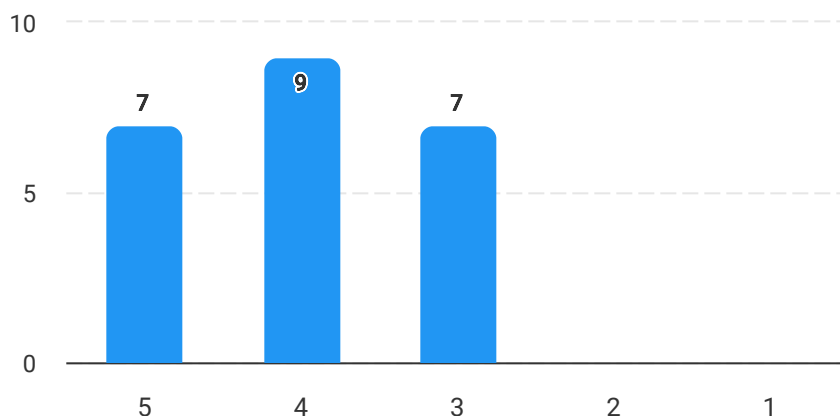No text to process or the text does not contain words occurring at least 2 times.

19 What overall rating, would you give this course?

(Multi-Choice, Single Answer)

📊 Overall Course

Value	Option	Total
5	Excellent	7
4	Very good	9

Value	Option	Total
3	Average	7
2	Not very good	0
1	Very poor	0

Average	4.00
Median	4.00
Mode	4
Std. Dev. (Standard Deviation)	0.78
Variance	0.61

20 Comments on COURSE:

(Text/Memo)

- Although there were some difficult sections, overall, the class is well structured to teach new, higher-level math to students for problem-solving and critical mathematical thinking. With some work and study, the course is overall manageable and provides and good range of new content.
- I hold that this course is sadly the only one that is on differential equations. I understand that it is designed as a quick introduction into the field of linear algebra and differential equations but I still hold that it may have been more useful to allow more time to this course in order to allow students to gain a stronger and necessary intuition into an incredibly fundamental set of tools. I also hold that through the era of computers and computer graphics a lot of simple gifs could be included in the webwork in order to help build up students understanding of how the math works in space. Adding it as a link to useful digital tools might be nice in the webwork especially as webwork is a highly effective format of verifying understanding, learn content and build mastery of it.

Course-Specific Questions

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

21	How approachable did the T.A. make him/herself?
	(Instructor Multi-Choice)

22	How enthusiastic was the T.A. about this course?
	(Instructor Multi-Choice)

23	If you had questions, could you get answers from the T.A.?
	(Instructor Multi-Choice)

24	What overall rating would you give the T.A.?
	(Instructor Multi-Choice)

25	Comments about the Teaching Assistant/s:
	(Instructor Text/Memo)