

Course Analysis for MATM11 Algebraic Structures, Spring 2020.

Lecturer: Victor Ufnarovski.

Number of students: 95 registered from which 58 NF-students and 37 registered LTH students (course-code FMAN10). Examination results for NF-students: 20 students received the grade Passed and 16 received the grade Passed with distinction.

Course evaluation Summary of students' answers: Since this course is given jointly with the LTH course FMNN10, the standardized LTH course evaluation system CEQ was meant to be used also for the NF students. However, due to an administrative mistake, it was only sent out to LTH students. For this reason, a separate survey was made available a few weeks later. The answers in this response were in general very positive about all aspects of the course. The majority of these students are satisfied with the teaching, the contents of the course, and the examination. They also think that the course is very relevant to their study programme.

Changes from the previous course realisation: This instance of the course was given during the beginning of COVID-19 pandemic, which was reflected in the exam form (home exam, probably the first one). Compared to last year, much more students have done non-mandatory tests. It was also higher than usual number of LTH students. The students were very active both on lectures and after them, which created a good working atmosphere. As a teacher I was really glad to see this.

Suggested changes. This is the last time the course is given with the code MATM11. For the upcoming academic year the course syllabus will be updated. The main change will be eliminating the parts that are also treated in the course Discrete Mathematics, that will be replaced by pure algebraic topics: finite fields and the structure theorem for finite abelian groups.

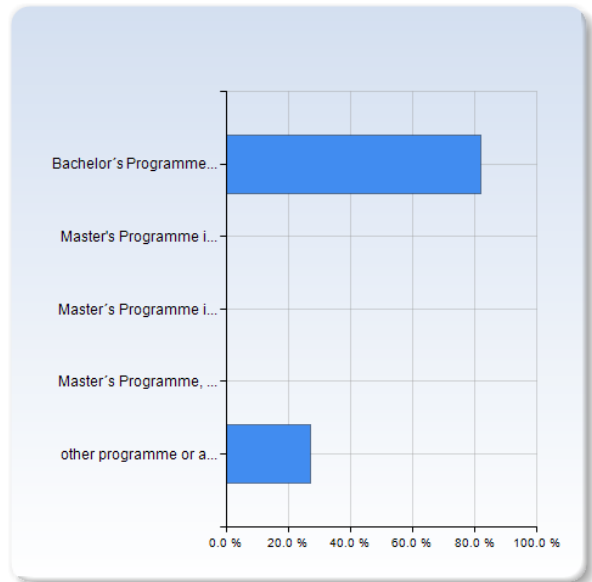
Course leader: Victor Ufnarovski

MATM11 Algebraic Structures, Spring 2020

Answer Count: 11

I have studied this course as part of

I have studied this course as part of	Number of Responses
Bachelor's Programme in Mathematics	9 (81.8%)
Master's Programme in Mathematics	0 (0.0%)
Master's Programme in Mathematical Statistics	0 (0.0%)
Master's Programme, other specialization	0 (0.0%)
other programme or as stand alone course	3 (27.3%)
Total	12 (109.1%)

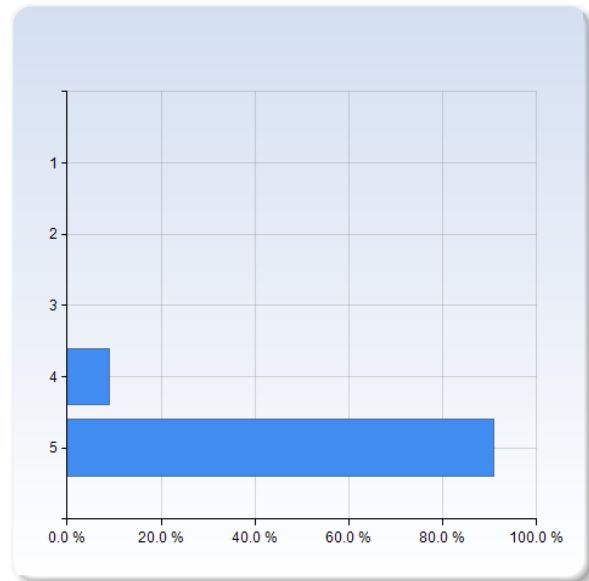


I have studied this course as part of	Mean	Standard Deviation
I have studied this course as part of	2.8	3.2

On the scale 1-5 select the option that best matches your opinion: 1= disagree completely → 3= partly agree → 5= agree completely

2. My prior knowledge has been sufficient to assimilate the contents of this course.

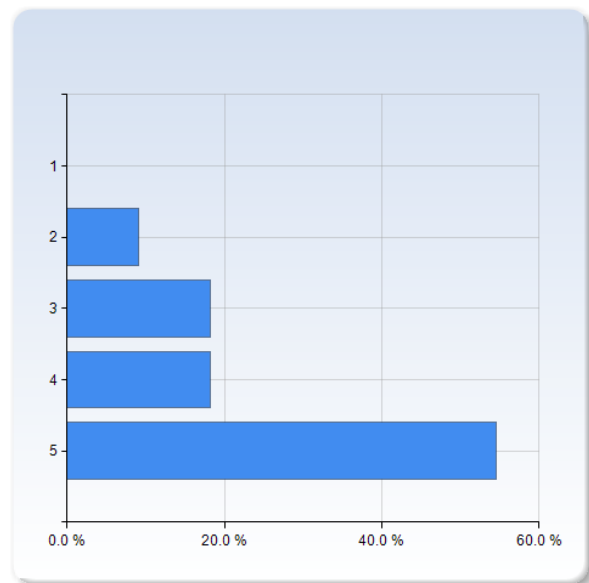
2. My prior knowledge has been sufficient to assimilate the contents of this course.	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	1 (9.1%)
5	10 (90.9%)
Total	11 (100.0%)



	Mean	Standard Deviation
2. My prior knowledge has been sufficient to assimilate the contents of this course.	4.9	0.3

3. I have participated actively in the course.

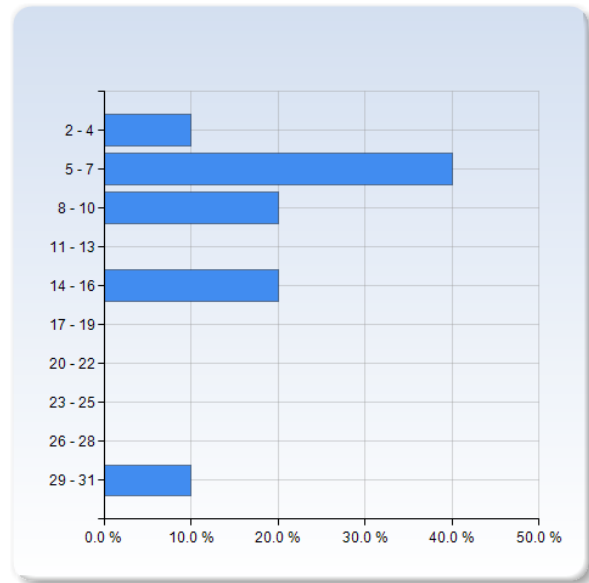
3. I have participated actively in the course.	Number of Responses
1	0 (0.0%)
2	1 (9.1%)
3	2 (18.2%)
4	2 (18.2%)
5	6 (54.5%)
Total	11 (100.0%)



	Mean	Standard Deviation
3. I have participated actively in the course.	4.2	1.1

Average number of hours spent in total on the course per week (including scheduled activities):

Average number of hours spent in total on the course per week (including scheduled activities):	Number of Responses
2 - 4	1 (10.0%)
5 - 7	4 (40.0%)
8 - 10	2 (20.0%)
11 - 13	0 (0.0%)
14 - 16	2 (20.0%)
17 - 19	0 (0.0%)
20 - 22	0 (0.0%)
23 - 25	0 (0.0%)
26 - 28	0 (0.0%)
29 - 31	1 (10.0%)
Total	10 (100.0%)



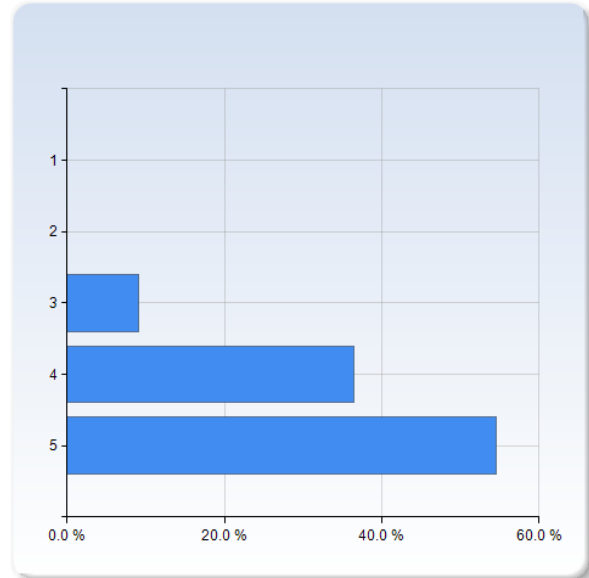
	Mean	Standard Deviation
Average number of hours spent in total on the course per week (including scheduled activities):	10.7	7.9

The course in general

On the scale 1-5 select the option that best matches your opinion: 1= disagree completely → 3= partly agree → 5= agree completely

The way the course was taught and organised suited me.

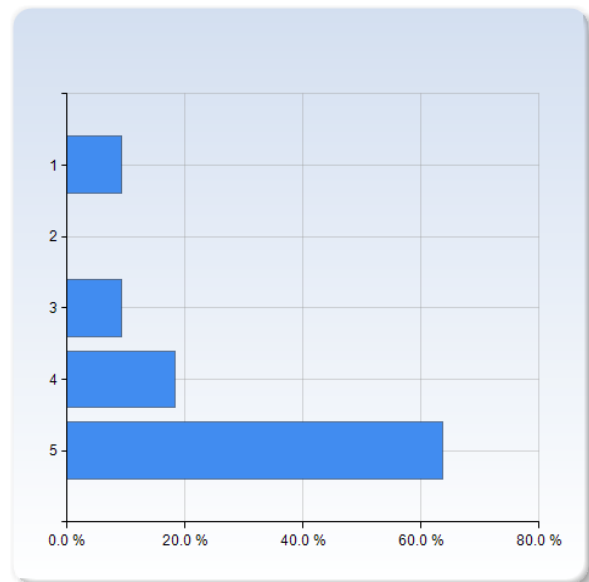
The way the course was taught and organised suited me.	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (9.1%)
4	4 (36.4%)
5	6 (54.5%)
Total	11 (100.0%)



	Mean	Standard Deviation
The way the course was taught and organised suited me.	4.5	0.7

The number of teacher lead activities has been satisfactory.

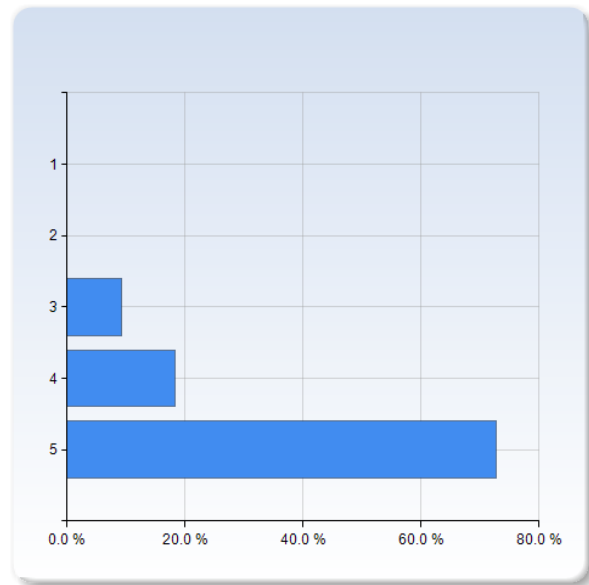
The number of teacher lead activities has been satisfactory.	Number of Responses
1	1 (9.1%)
2	0 (0.0%)
3	1 (9.1%)
4	2 (18.2%)
5	7 (63.6%)
Total	11 (100.0%)



	Mean	Standard Deviation
The number of teacher lead activities has been satisfactory.	4.3	1.3

The lectures were valuable for my learning.

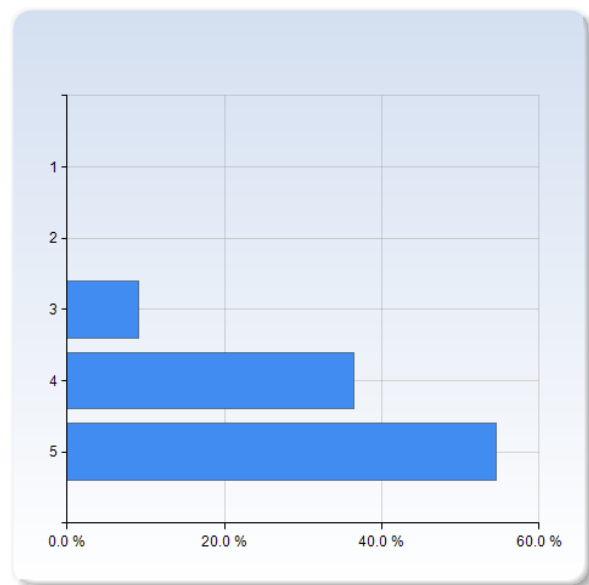
The lectures were valuable for my learning.	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (9.1%)
4	2 (18.2%)
5	8 (72.7%)
Total	11 (100.0%)



The lectures were valuable for my learning.	Mean	Standard Deviation
	4.6	0.7

Studying on my own was valuable for my learning.

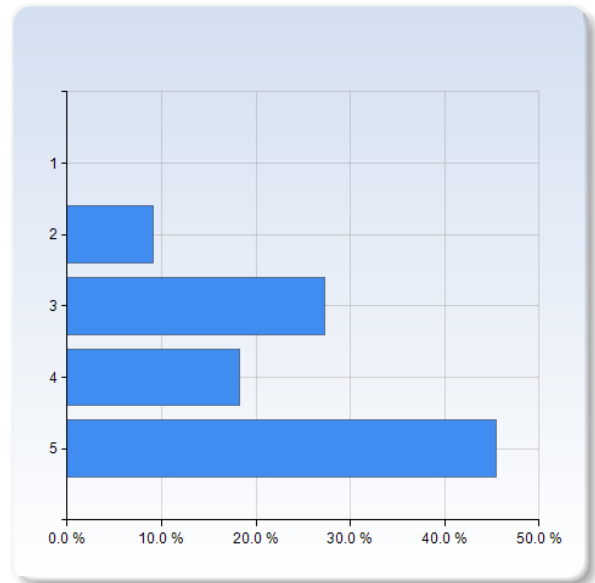
Studying on my own was valuable for my learning.	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (9.1%)
4	4 (36.4%)
5	6 (54.5%)
Total	11 (100.0%)



	Mean	Standard Deviation
Studying on my own was valuable for my learning.	4.5	0.7

The course literature/material was a valuable learning resource.

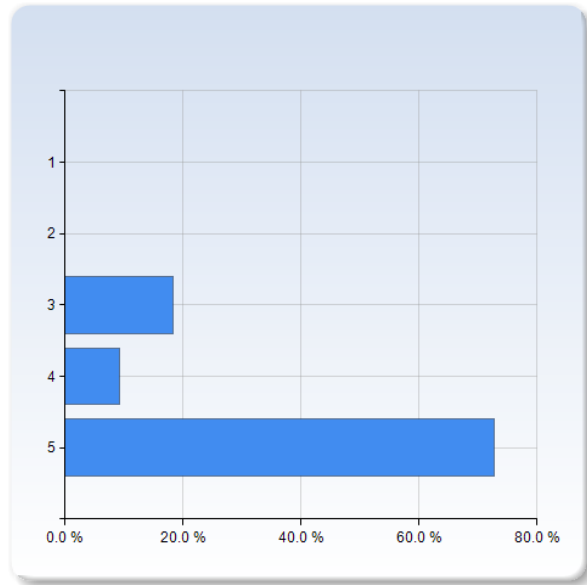
The course literature/material was a valuable learning resource.	Number of Responses
1	0 (0.0%)
2	1 (9.1%)
3	3 (27.3%)
4	2 (18.2%)
5	5 (45.5%)
Total	11 (100.0%)



	Mean	Standard Deviation
The course literature/material was a valuable learning resource.	4.0	1.1

The information I received before the course start was satisfactory.

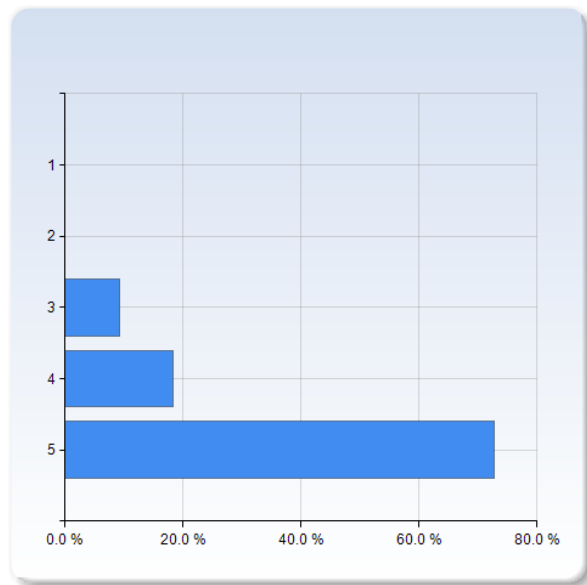
The information I received before the course start was satisfactory.	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	2 (18.2%)
4	1 (9.1%)
5	8 (72.7%)
Total	11 (100.0%)



The information I received before the course start was satisfactory.	Mean	Standard Deviation
The information I received before the course start was satisfactory.	4.5	0.8

The communication with the teaching staff during the course was good.

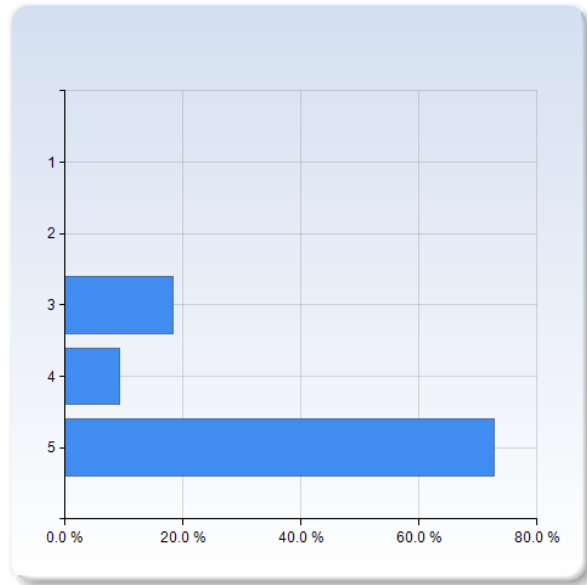
The communication with the teaching staff during the course was good.	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (9.1%)
4	2 (18.2%)
5	8 (72.7%)
Total	11 (100.0%)



The communication with the teaching staff during the course was good.	Mean	Standard Deviation
The communication with the teaching staff during the course was good.	4.6	0.7

It was clear throughout the course what was expected of me.

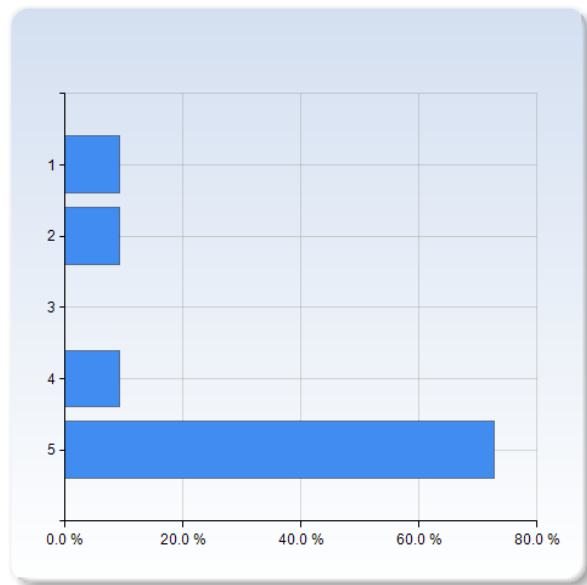
It was clear throughout the course what was expected of me.	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	2 (18.2%)
4	1 (9.1%)
5	8 (72.7%)
Total	11 (100.0%)



	Mean	Standard Deviation
It was clear throughout the course what was expected of me.	4.5	0.8

I have received valuable feedback from my teacher during the course.

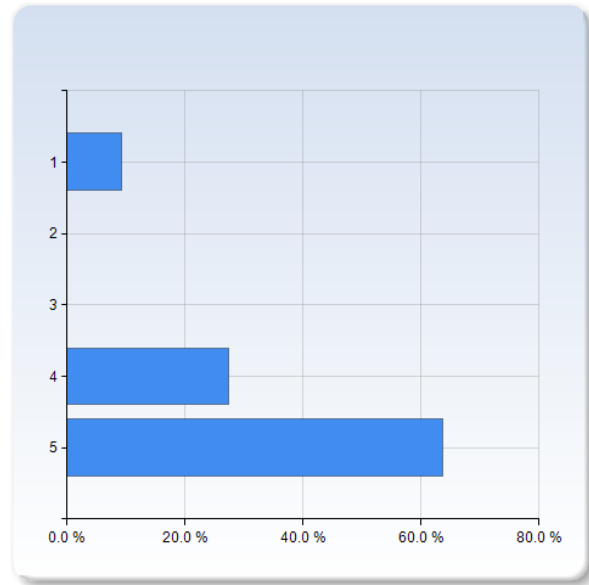
I have received valuable feedback from my teacher during the course.	Number of Responses
1	1 (9.1%)
2	1 (9.1%)
3	0 (0.0%)
4	1 (9.1%)
5	8 (72.7%)
Total	11 (100.0%)



	Mean	Standard Deviation
I have received valuable feedback from my teacher during the course.	4.3	1.4

The course had a reasonable workload.

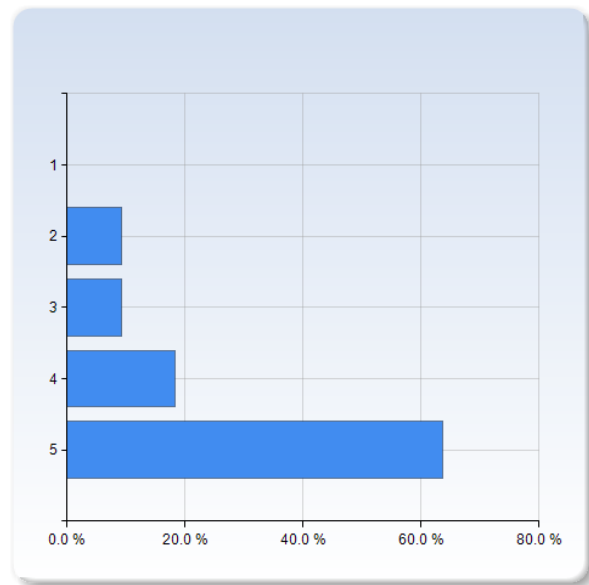
The course had a reasonable workload.	Number of Responses
1	1 (9.1%)
2	0 (0.0%)
3	0 (0.0%)
4	3 (27.3%)
5	7 (63.6%)
Total	11 (100.0%)



	Mean	Standard Deviation
The course had a reasonable workload.	4.4	1.2

The workload was evenly distributed throughout the course.

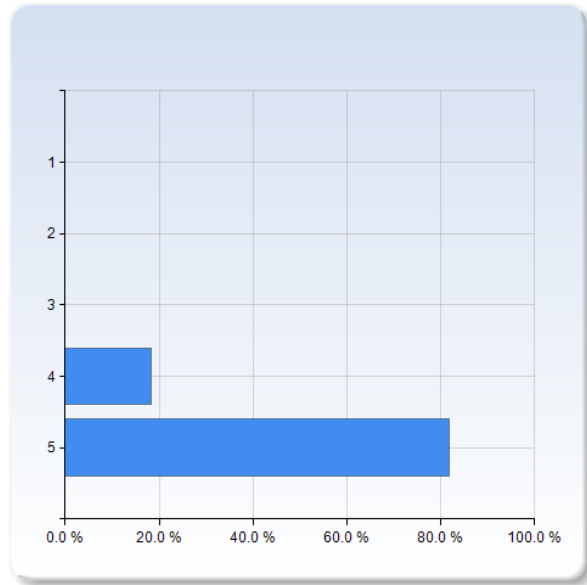
The workload was evenly distributed throughout the course.	Number of Responses
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2	1 (9.1%)
3	1 (9.1%)
4	2 (18.2%)
5	7 (63.6%)
Total	11 (100.0%)



	Mean	Standard Deviation
The workload was evenly distributed throughout the course.	4.4	1.0

The examination matched the contents and level of the course.

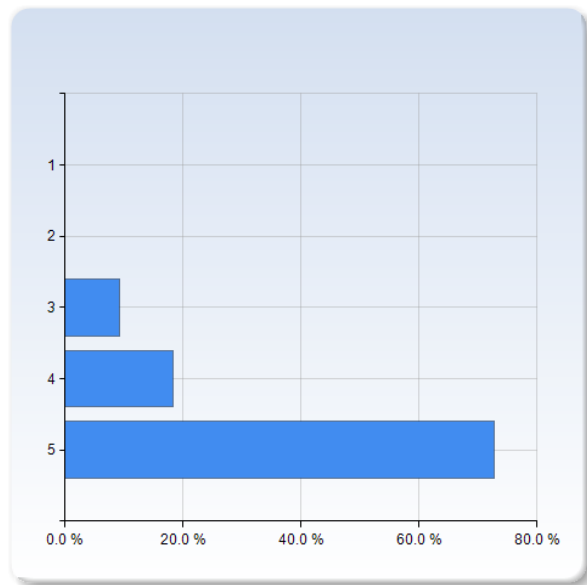
The examination matched the contents and level of the course.	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	2 (18.2%)
5	9 (81.8%)
Total	11 (100.0%)



	Mean	Standard Deviation
The examination matched the contents and level of the course.	4.8	0.4

Overall, I am satisfied with the course.

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Total	11 (100.0%)

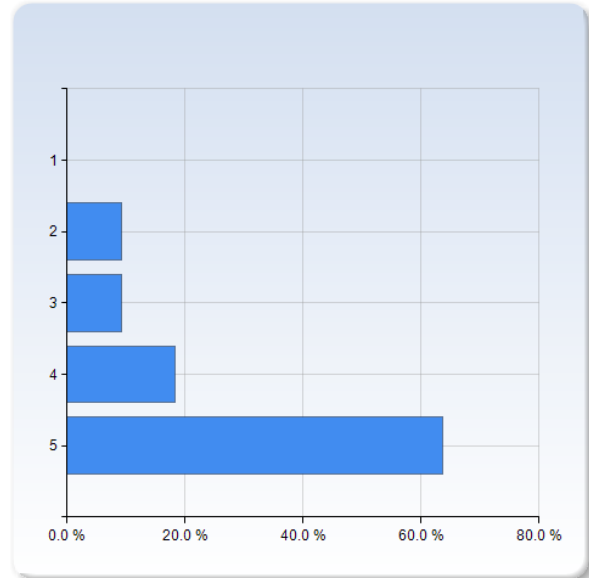


	Mean	Standard Deviation
Overall, I am satisfied with the course.	4.6	0.7

On the development of generic skills

On a scale 1-5 select the option that best matches your opinion: 1= disagree completely → 3= partly agree → 5= agree completely
 The course has increased my ability to read a mathematical text.

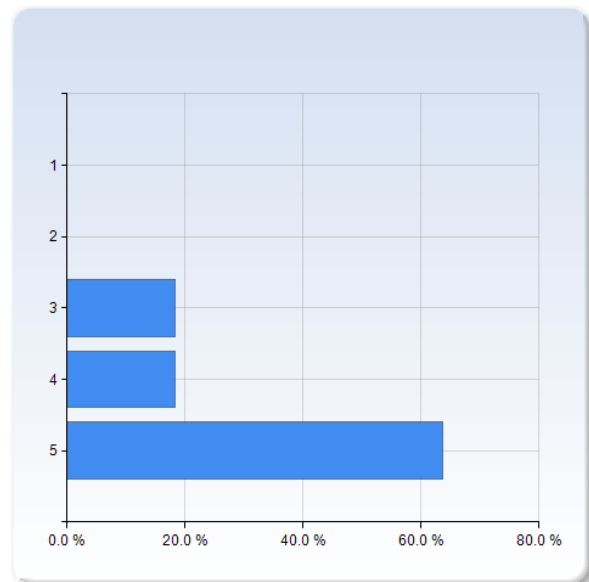
The course has increased my ability to read a mathematical text.	Number of Responses
1	0 (0.0%)
2	1 (9.1%)
3	1 (9.1%)
4	2 (18.2%)
5	7 (63.6%)
Total	11 (100.0%)



	Mean	Standard Deviation
The course has increased my ability to read a mathematical text.	4.4	1.0

The course has increased my ability to communicate the subject.

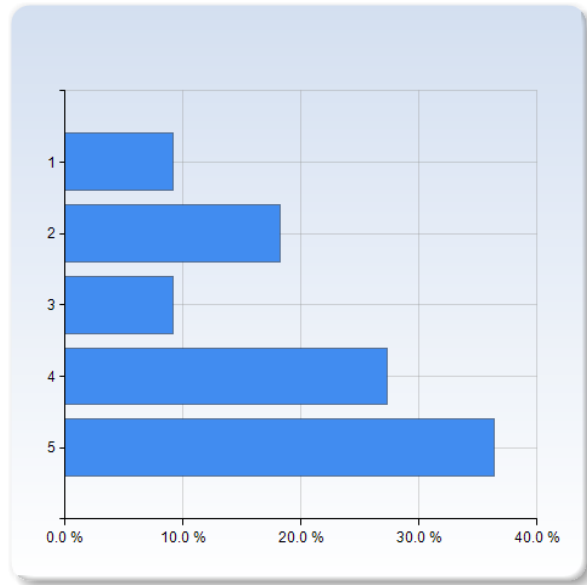
The course has increased my ability to communicate the subject.	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	2 (18.2%)
4	2 (18.2%)
5	7 (63.6%)
Total	11 (100.0%)



	Mean	Standard Deviation
The course has increased my ability to communicate the subject.	4.5	0.8

The course has increased my ability to cooperate.

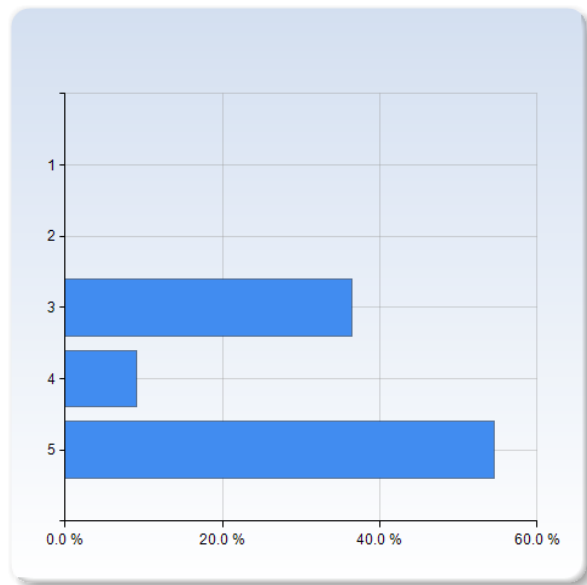
The course has increased my ability to cooperate.	Number of Responses
1	1 (9.1%)
2	2 (18.2%)
3	1 (9.1%)
4	3 (27.3%)
5	4 (36.4%)
Total	11 (100.0%)



The course has increased my ability to cooperate.	Mean	Standard Deviation
	3.6	1.4

The course has increased my ability to search and process information.

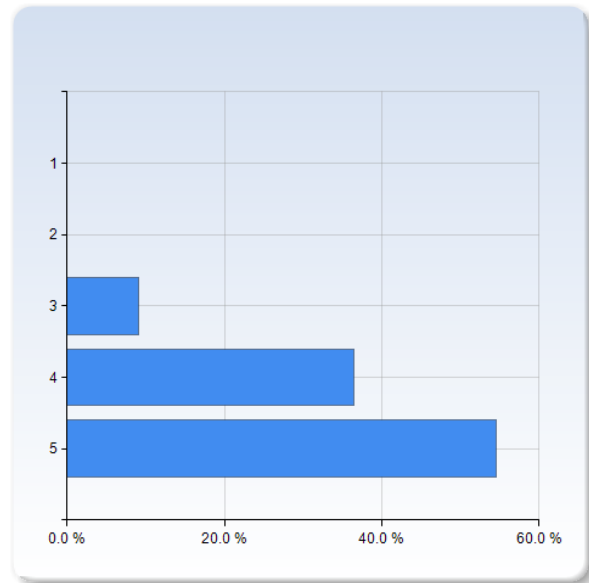
The course has increased my ability to search and process information.	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	4 (36.4%)
4	1 (9.1%)
5	6 (54.5%)
Total	11 (100.0%)



	Mean	Standard Deviation
The course has increased my ability to search and process information.	4.2	1.0

The course has increased my ability to analyze and solve problems.

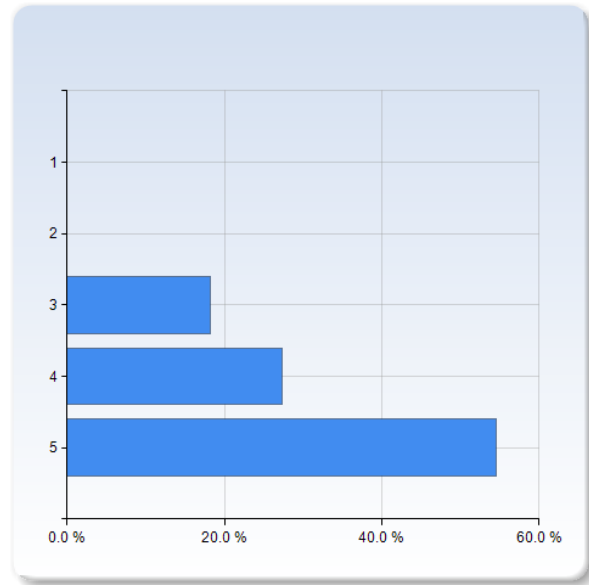
The course has increased my ability to analyze and solve problems.	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (9.1%)
4	4 (36.4%)
5	6 (54.5%)
Total	11 (100.0%)



	Mean	Standard Deviation
The course has increased my ability to analyze and solve problems.	4.5	0.7

As a result of this course, I feel confident about tackling unfamiliar problems.

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1	0 (0.0%)
2	0 (0.0%)
3	2 (18.2%)
4	3 (27.3%)
5	6 (54.5%)
Total	11 (100.0%)



As a result of this course, I feel confident about tackling unfamiliar problems.	Mean	Standard Deviation
	4.4	0.8

What did you appreciate most with the course?

What did you appreciate most with the course?

Having a home exam instead of an in-person exam was a great idea. I think you should continue doing home exams even when there is no coronavirus.

People

Great lecturer

The course book was pretty good. Also, I had Ufnarovski as a lecturer, and I think he was a good lecturer.

The teacher is excellent, explains concepts and proofs very well and makes the course joyful.

What do you think should be improved?

What do you think should be improved?

I don't remember if there were any problems with the course, it's been a year since I took the course.

The pace is way too slow, with only 1.5 lectures per week where the other 0.5 is for exercises instead of lectures.

Nothing in particular.

If I remember correctly, discrete mathematics was a prerequisite for this course. We had already treated a lot of the concepts and proofs of the first half of this course in discrete mathematics, so the first half of this course was not that interesting. Maybe this part of the course could be reduced to 1 or 2 weeks, to refresh people's memories, and then move on to new concepts. This would allow this course to cover a lot more new material, which I would love to see presented by Victor.

Have you during this course experienced course literature, staff or teaching methods to be discriminatory in any way (gender, ethnicity, etc.)?

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No

No

No.

No

Please comment below if there are aspects related to the impact of the pandemic situation on your learning that you want to bring to our attention (for example regarding your ability to concentrate, your motivation, etc.)

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Most of this course except the exam was before the pandemic, so this question is only applicable to the exam. Regarding the exam, I really liked having a home exam as opposed to an in-person exam, I think you should continue with home exams even after the pandemic.

I liked the format of the take home exam, but i wish we would have gotten to see the results of the exam and/or feedback.

Everything but the exam was unaffected by the pandemic
