



LUNDS
UNIVERSITET

Matematikcentrum

Matematik NF

Kursbokslut, Course review MATP39, Integration Theory, spring term 2023

Course responsible: Marcus Carlsson

Number of students: 10.

Grades: 4 VG, 6 G.

Evaluation

1 student did the evaluation, so its hard to draw any conclusions. The scores given on key questions are overall positive.

Sammanfattning av kursvärderingen, student evaluation:

The one student seems very satisfied with the course, and presumably more students would have answered had there been major complaints.

Lärarnas kommentarer, teachers comments:

The students seem overall satisfied and I can not see any reason to do major changes.

Evaluation of changes:

As before I relied on the video material/bool for details and left the lectures for problem solving and overview lectures. My impression is that this works well. The new element for this version was a takehome exam, which ended up rather difficult. Next year I may return to smaller take home assignments, an easier exam, or extended time (the students had one week for the take home, but given parallel courses some students seem to have run out of time)

Suggestion for changes:

No changes except the ones mentioned above.

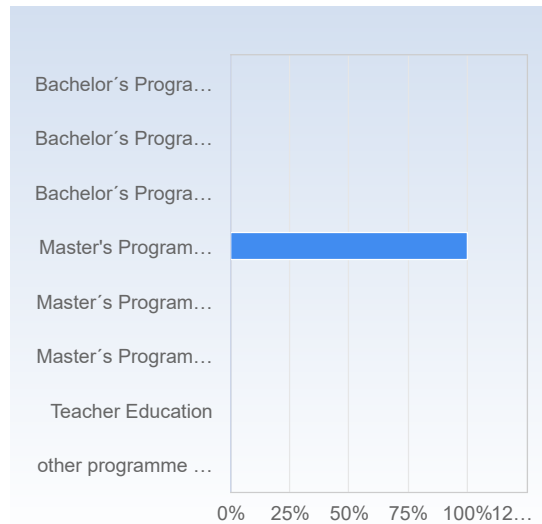
Evaluator: Marcus Carlsson.

Specialized course on integration theory spring 2023

Answer Count: 1

I have studied this course as part of

I have studied this course as part of	Number of responses
Bachelor's Programme in Mathematics	0 (0,0%)
Bachelor's Programme in Physics, Theoretical Physics, Astronomy	0 (0,0%)
Bachelor's Programme, other specialization	0 (0,0%)
Master's Programme in Mathematics	1 (100,0%)
Master's Programme in Mathematical Statistics	0 (0,0%)
Master's Programme, other specialization	0 (0,0%)
Teacher Education	0 (0,0%)
other programme or as stand alone course	0 (0,0%)
Total	1 (100,0%)

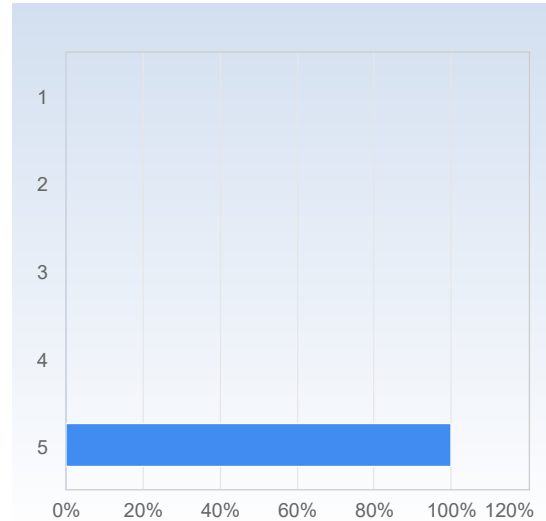


	Mean	Standard Deviation
I have studied this course as part of	4,0	0,0

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.

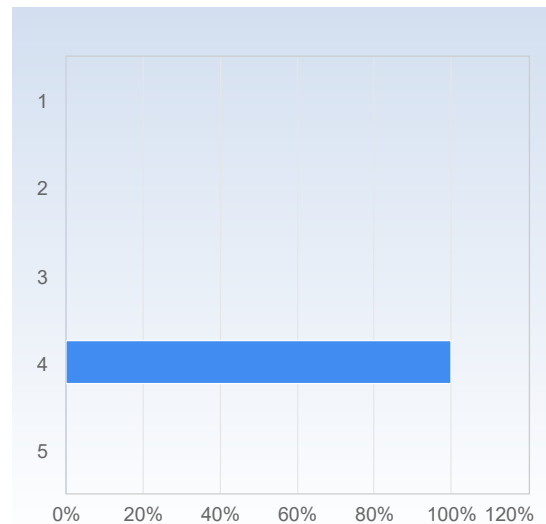
	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (100,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
2. My prior knowledge has been sufficient to assimilate the contents of this course.	5,0	0,0

3. I have participated actively in the course.

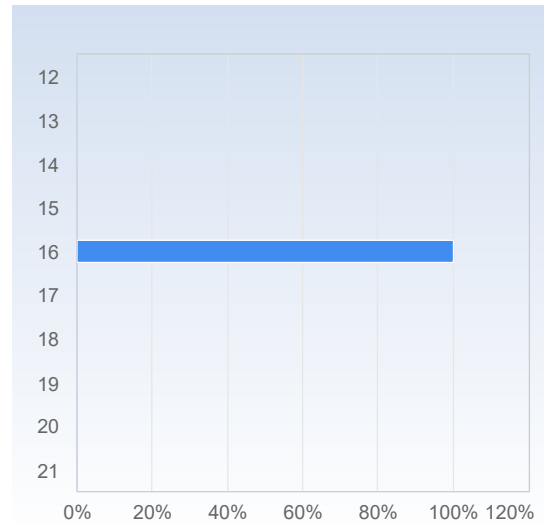
	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	1 (100,0%)
5	0 (0,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
3. I have participated actively in the course.	4,0	0,0

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
12	0 (0,0%)
13	0 (0,0%)
14	0 (0,0%)
15	0 (0,0%)
16	1 (100,0%)
17	0 (0,0%)
18	0 (0,0%)
19	0 (0,0%)
20	0 (0,0%)
21	0 (0,0%)
Total	1 (100,0%)



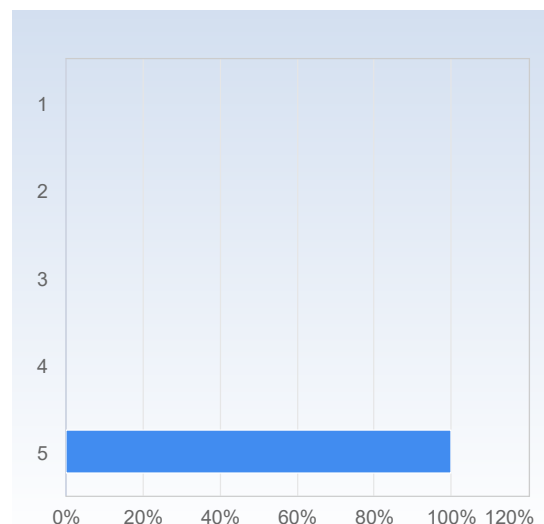
	Mean	Standard Deviation
Average number of hours spent in total on the course per week (including scheduled activities):	16,0	0,0

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.

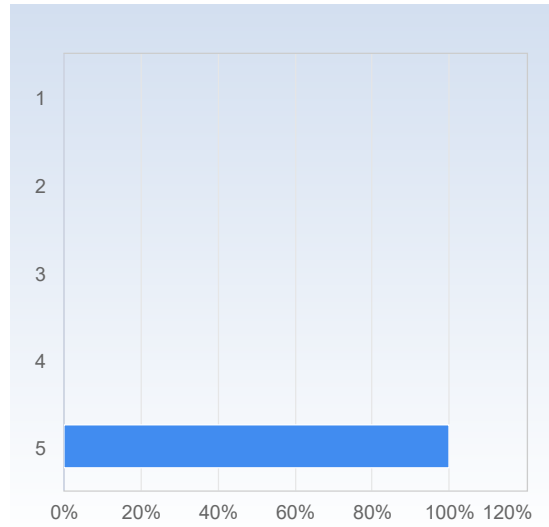
The way the course was taught and organised suited me.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (100,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
The way the course was taught and organised suited me.	5,0	0,0

The number of teacher lead activities (lectures, seminars etc.) has been satisfactory.

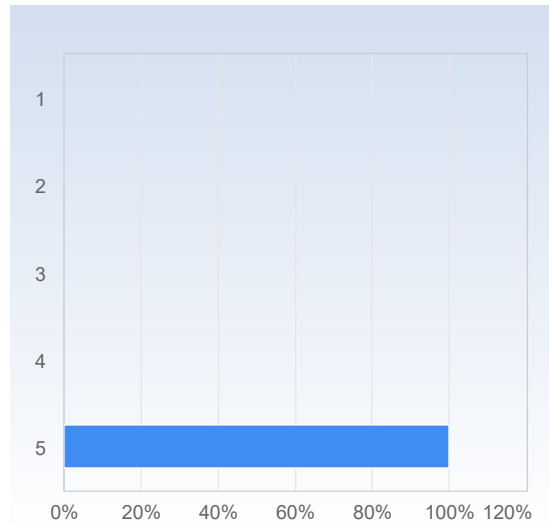
The number of teacher lead activities (lectures, seminars etc.) has been satisfactory.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (100,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
The number of teacher lead activities (lectures, seminars etc.) has been satisfactory.	5,0	0,0

The lectures were valuable for my learning.

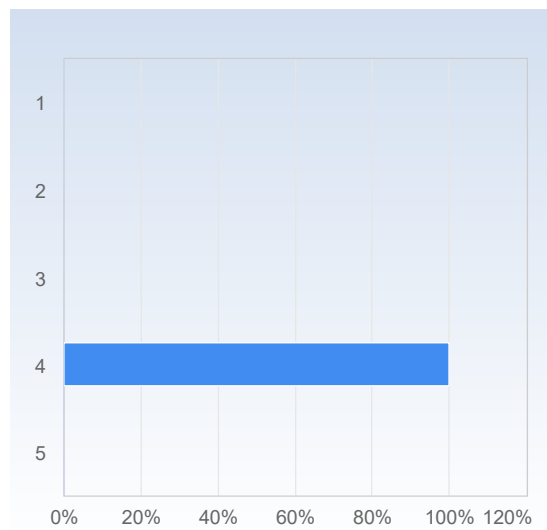
The lectures were valuable for my learning.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (100,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
The lectures were valuable for my learning.	5,0	0,0

The seminars were valuable for my learning.

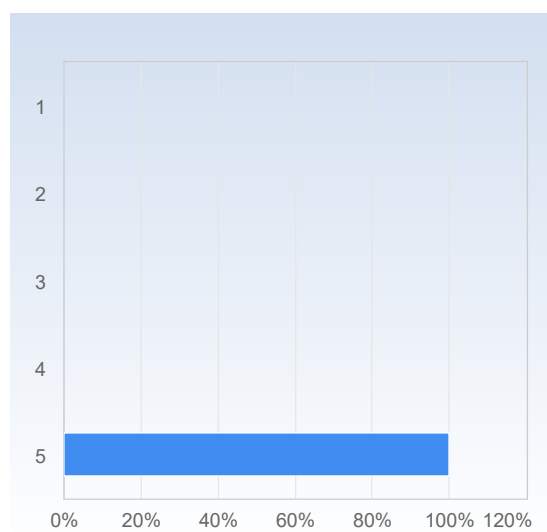
The seminars were valuable for my learning.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	1 (100,0%)
5	0 (0,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
The seminars were valuable for my learning.	4,0	0,0

Studying on my own was valuable for my learning.

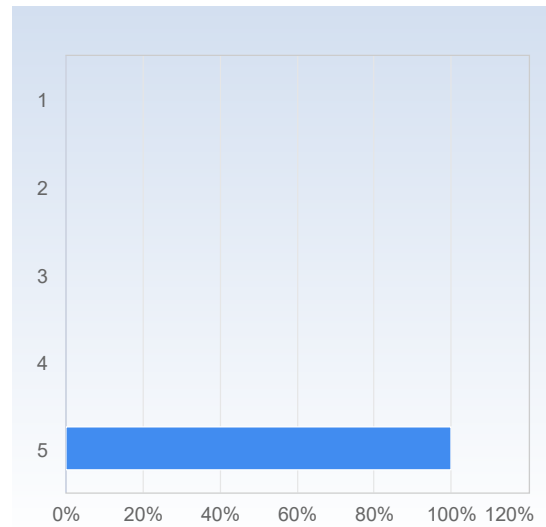
Studying on my own was valuable for my learning.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (100,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
Studying on my own was valuable for my learning.	5,0	0,0

The course literature/material was a valuable learning resource.

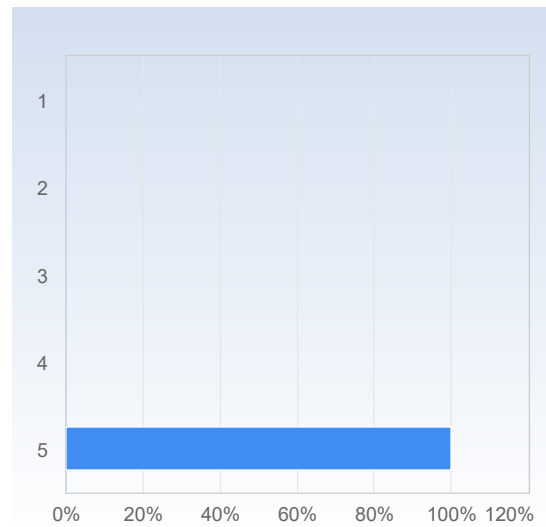
The course literature/material was a valuable learning resource.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (100,0%)
Total	1 (100,0%)



The course literature/material was a valuable learning resource.	Mean	Standard Deviation
	5,0	0,0

The information I received before the course start was satisfactory.

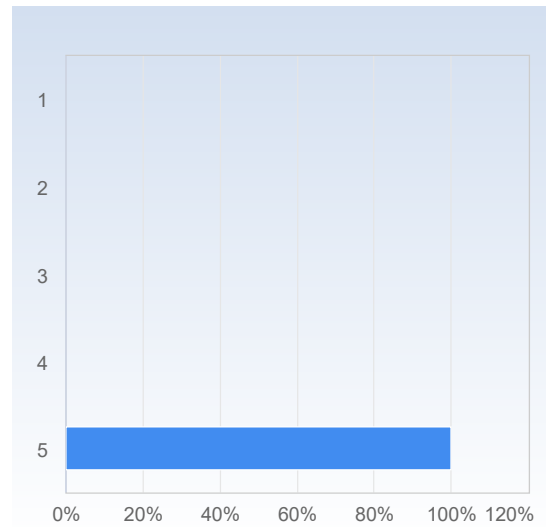
The information I received before the course start was satisfactory.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (100,0%)
Total	1 (100,0%)



The information I received before the course start was satisfactory.	Mean	Standard Deviation
	5,0	0,0

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

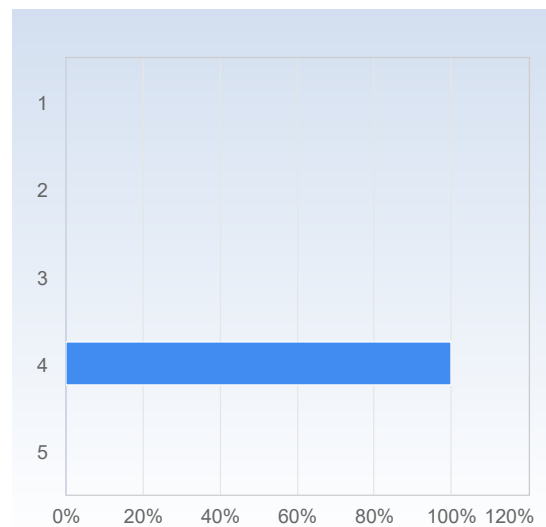
The communication with the teaching staff during the course was good.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (100,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
The communication with the teaching staff during the course was good.	5,0	0,0

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

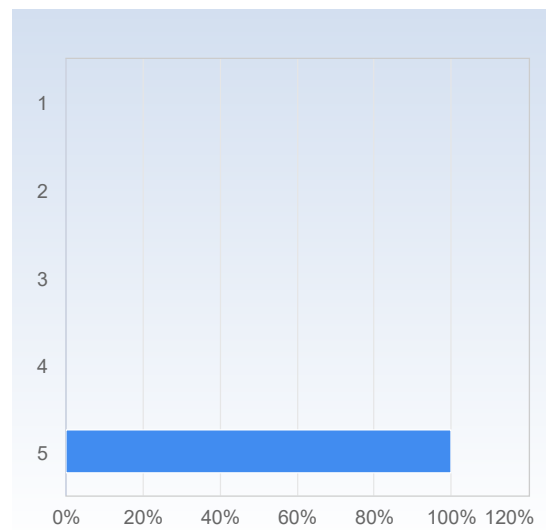
It was clear throughout the course what was expected of me.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	1 (100,0%)
5	0 (0,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
It was clear throughout the course what was expected of me.	4,0	0,0

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

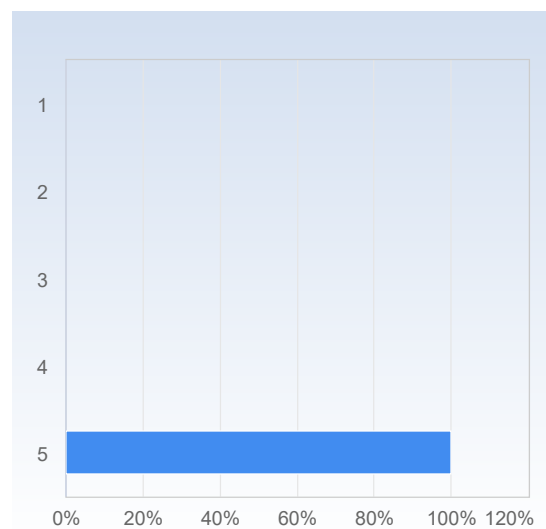
I have received valuable feedback from my teacher /teachers during the course.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (100,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
I have received valuable feedback from my teacher/teachers during the course.	5,0	0,0

The course had a reasonable workload.

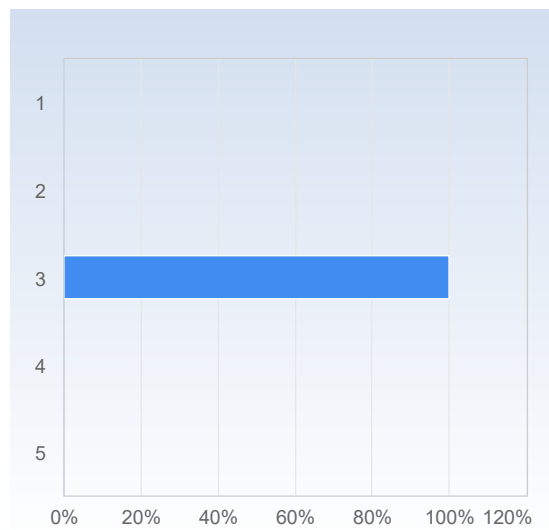
The course had a reasonable workload.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (100,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
The course had a reasonable workload.	5,0	0,0

The workload was evenly distributed throughout the course.

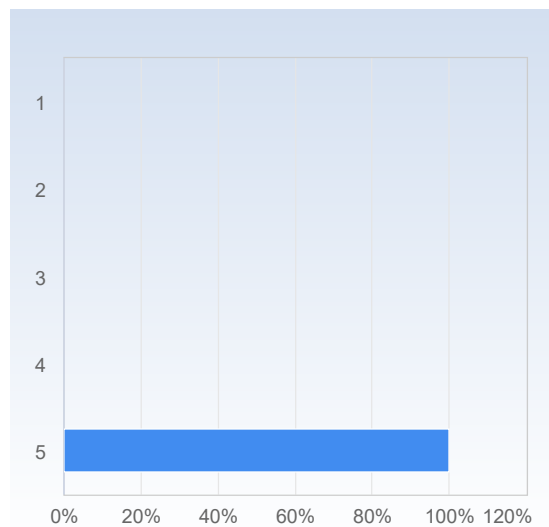
The workload was evenly distributed throughout the course.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	1 (100,0%)
4	0 (0,0%)
5	0 (0,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
The workload was evenly distributed throughout the course.	3,0	0,0

The examination matched the contents and level of the course.

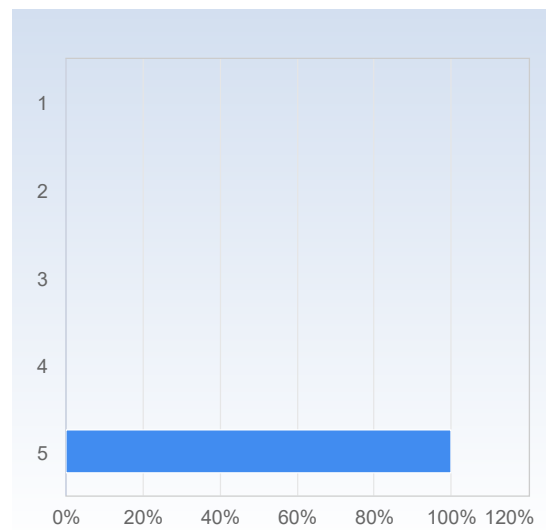
The examination matched the contents and level of the course.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (100,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
The examination matched the contents and level of the course.	5,0	0,0

Overall, I am satisfied with the course.

Overall, I am satisfied with the course.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (100,0%)
Total	1 (100,0%)



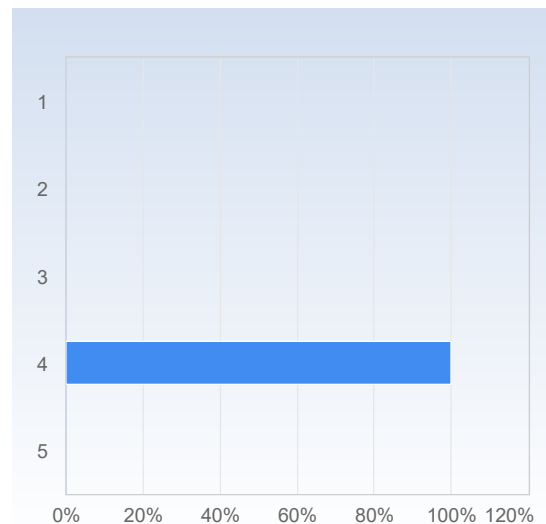
	Mean	Standard Deviation
Overall, I am satisfied with the course.	5,0	0,0

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.

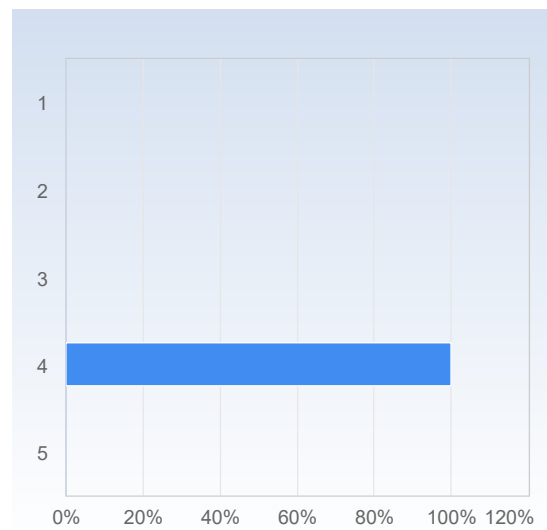
The course has increased my ability to read a mathematical text.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	1 (100,0%)
5	0 (0,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
The course has increased my ability to read a mathematical text.	4,0	0,0

The course has increased my ability to communicate the subject in writing.

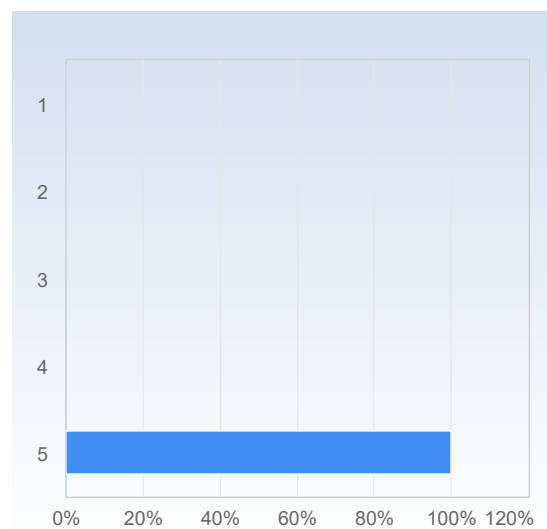
The course has increased my ability to communicate the subject in writing.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	1 (100,0%)
5	0 (0,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
The course has increased my ability to communicate the subject in writing.	4,0	0,0

The course has increased my ability to communicate the subject orally.

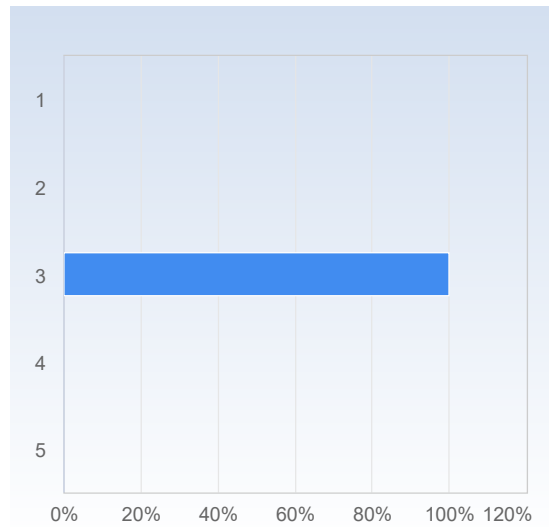
The course has increased my ability to communicate the subject orally.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (100,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
The course has increased my ability to communicate the subject orally.	5,0	0,0

The course has increased my ability to cooperate.

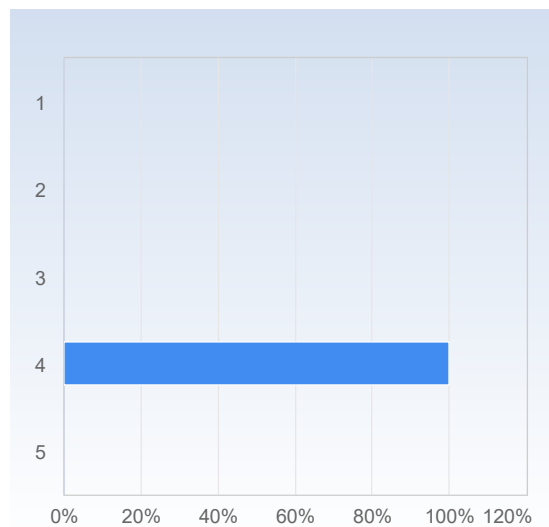
The course has increased my ability to cooperate.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	1 (100,0%)
4	0 (0,0%)
5	0 (0,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
The course has increased my ability to cooperate.	3,0	0,0

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

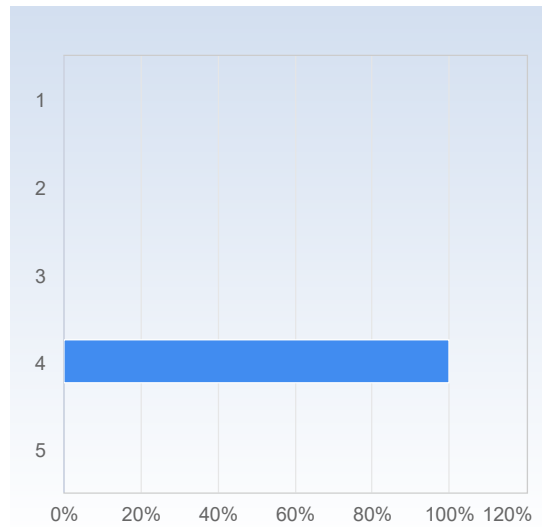
The course has increased my ability to search and process information.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	1 (100,0%)
5	0 (0,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
The course has increased my ability to search and process information.	4,0	0,0

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

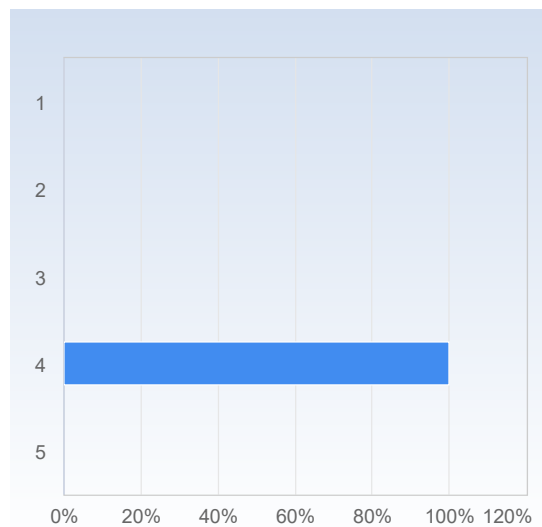
The course has increased my ability to analyze and solve problems.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	1 (100,0%)
5	0 (0,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
The course has increased my ability to analyze and solve problems.	4,0	0,0

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

As a result of this course, I feel confident about tackling unfamiliar problems.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	1 (100,0%)
5	0 (0,0%)
Total	1 (100,0%)



	Mean	Standard Deviation
As a result of this course, I feel confident about tackling unfamiliar problems.	4,0	0,0

What did you appreciate most with the course?

What did you appreciate most with the course?
The lecturing was good

What do you think should be improved?

What do you think should be improved?
The section about Haar measure should, I think, either be tested on the examination, or be removed (but be a good choice for subject of the project)

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

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

No

What did you think about the video material used in the course?

What did you think about the video material used in the course?

Good.

What did you think of the examination form (take home exam plus individual project with presentation)?

What did you think of the examination form (take home exam plus individual project with presentation)?

I. The examination was quite extensive towards the end of the course, with both a take-home exam and a final project. One could solve this by for instance substitute the take-home exam for smaller hand-ins, which give points which add up to the total of the take-home (a bit like in harmonic analysis, but maybe slightly less extensive). Another version would be to have longer time on the take-home, making it easier to study for other exams simultaneously.

Otherwise, I think the take-home exam was a good way to check the ability to have a well-thought mathematical reasoning applied to the subjects studied.

II. I think it could be good to give more detailed guidelines for the final project, especially guidelines concerning the style of a mathematical text (and how to avoid plagiarism when writing down definitions and proofs from a textbook, without loss of quality of the text). (Maybe, you had such a session while I had an exam in another course, in which case my comments are irrelevant.)