NUMN19: Numerical Approximation

Sammanställning

Antal Kursdeltagare: 13

Antal som avklarade kursen: 10

Kursen ges på avancerat nivå. Ett flertal av studenterna tog kursen redan innan kandidatexamen.

Undervisningen var via Zoom under Corona villkor. Det fanns 14 live-online föreläsningar samt fyra obligatoriska hemuppgifter samt en muntligt sluttentamen.

Kursansvarig och undervisande lärare: Claus Führer, claus.fuhrer@math.lth.se

Kursutvärdering: (se följande sidor)

I have studied this course as part of

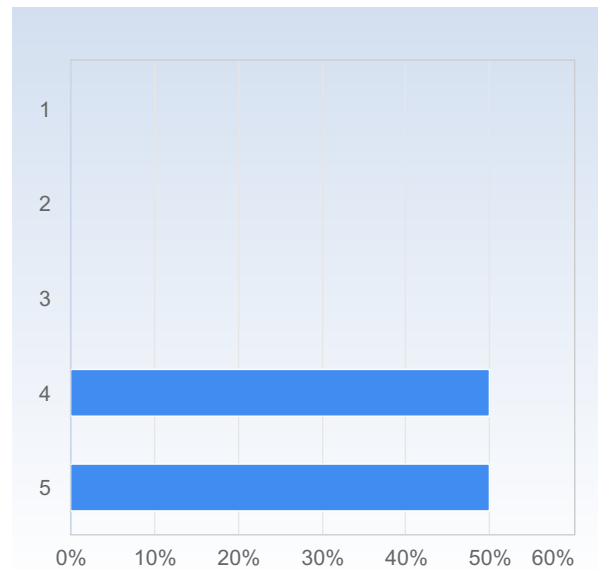| I have studied this course as part of	Number of responses
Bachelor´s Programme in Mathematics	2 (100,0%)
Bachelor´s Programme in Physics, Theoretical Physics, Astronomy	0 (0,0%)
Bachelor´s Programme, other specialization	0 (0,0%)
Master's Programme in Mathematics	0 (0,0%)
Master´s Programme in Mathematical 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	2 (100,0%)
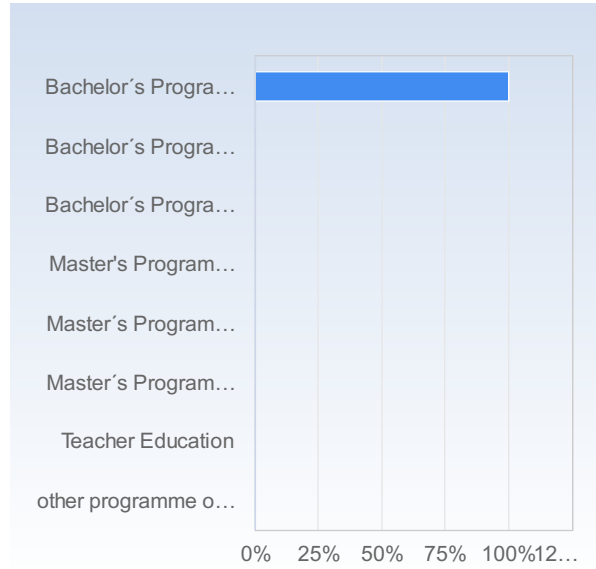
	Mean	Standard Deviation
I have studied this course as part of	1,0	0,0

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.**

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 (50,0%)
5	1 (50,0%)
Total	2 (100,0%)

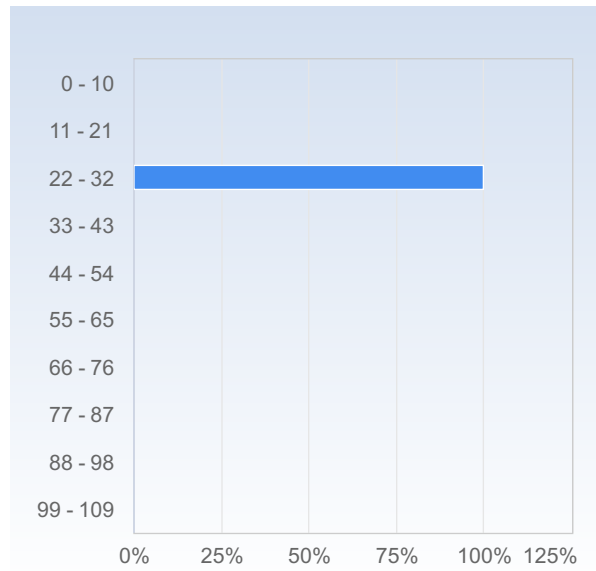|	Mean	Standard Deviation
2. My prior knowledge has been sufficient to assimilate the contents of this course.	4,5	0,7

3. I have participated actively in the course.

3. I have participated actively in the course.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	0 (0,0%)
5	2 (100,0%)
Total	2 (100,0%)
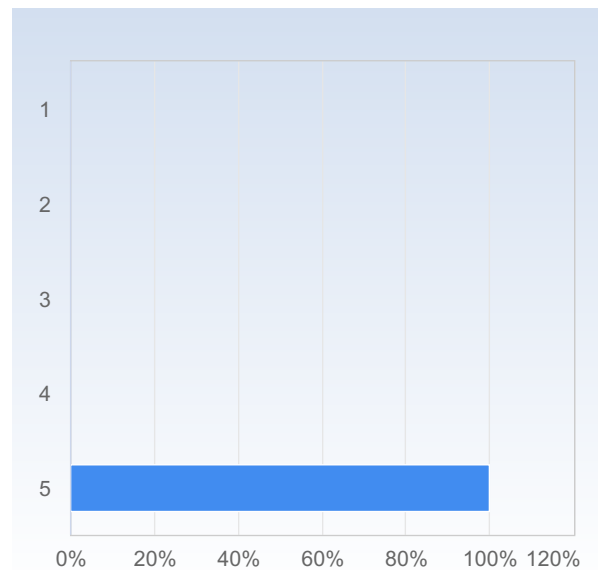
	Mean	Standard Deviation
3. I have participated actively in the course.	5,0	0,0

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
0 - 10	0 (0,0%)
11 - 21	0 (0,0%)
22 - 32	2 (100,0%)
33 - 43	0 (0,0%)
44 - 54	0 (0,0%)
55 - 65	0 (0,0%)
66 - 76	0 (0,0%)
77 - 87	0 (0,0%)
88 - 98	0 (0,0%)
99 - 109	0 (0,0%)
Total	2 (100,0%)

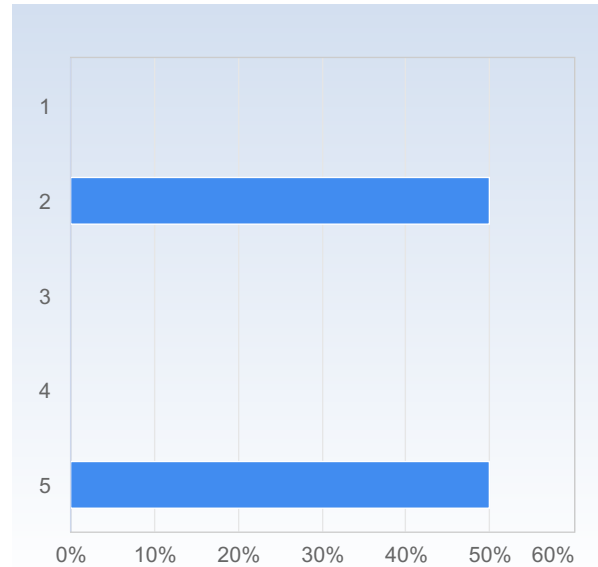|	Mean	Standard Deviation
Average number of hours spent in total on the course per week (including scheduled activities):	27,5	3,5

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

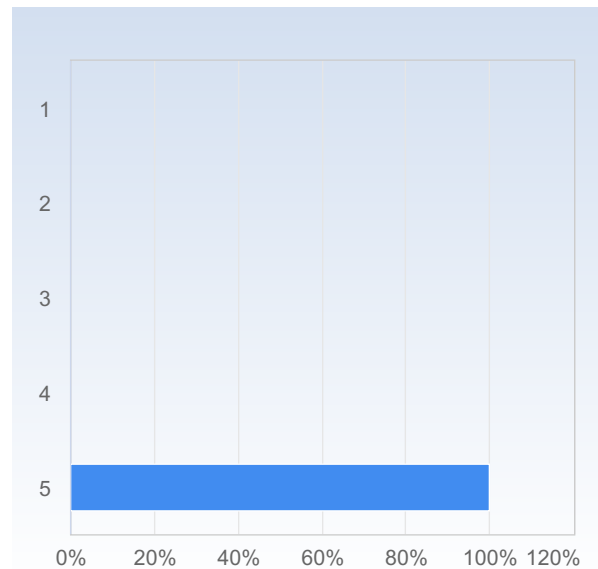### The way the course was taught and organised suited me.

The way the course was taught and organised suited me.	Number of responses
1	0 (0,0%)
2	1 (50,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (50,0%)
Total	2 (100,0%)

	Mean	Standard Deviation
The way the course was taught and organised suited me.	3,5	2,1

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	2 (100,0%)
Total	2 (100,0%)

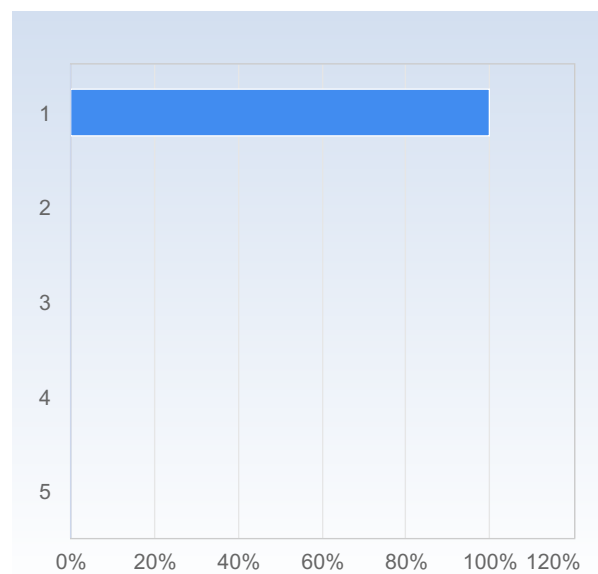|	Mean	Standard Deviation
The number of teacher lead activities (lectures, seminars etc.) has been satisfactory.	5,0	0,0

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	1 (50,0%)
4	0 (0,0%)
5	1 (50,0%)
Total	2 (100,0%)
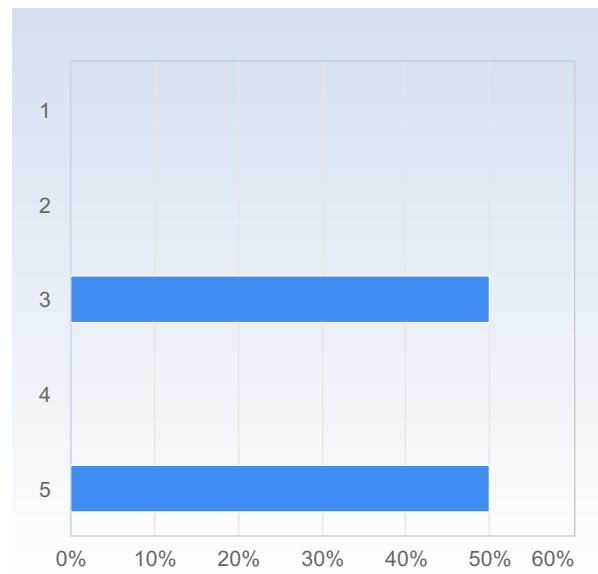
	Mean	Standard Deviation
The lectures were valuable for my learning.	4,0	1,4

The seminars were valuable for my learning.

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

	Mean	Standard Deviation
The seminars were valuable for my learning.	1,0	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	1 (50,0%)
4	0 (0,0%)
5	1 (50,0%)
Total	2 (100,0%)
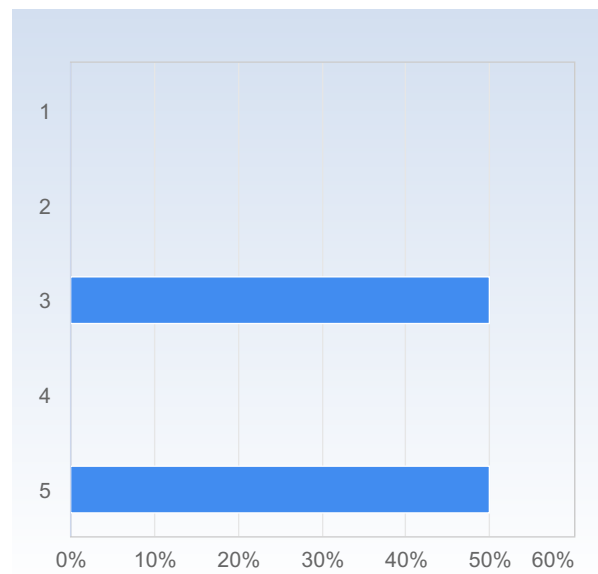
	Mean	Standard Deviation
Studying on my own was valuable for my learning.	4,0	1,4

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%)

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	1 (50,0%)
4	0 (0,0%)
5	1 (50,0%)
Total	2 (100,0%)
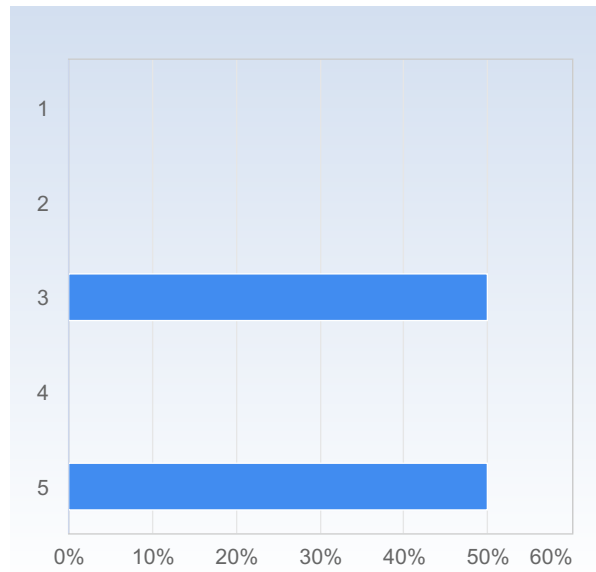
	Mean	Standard Deviation
The course literature/material was a valuable learning resource.	4,0	1,4

The information I received before the course start was satisfactory.

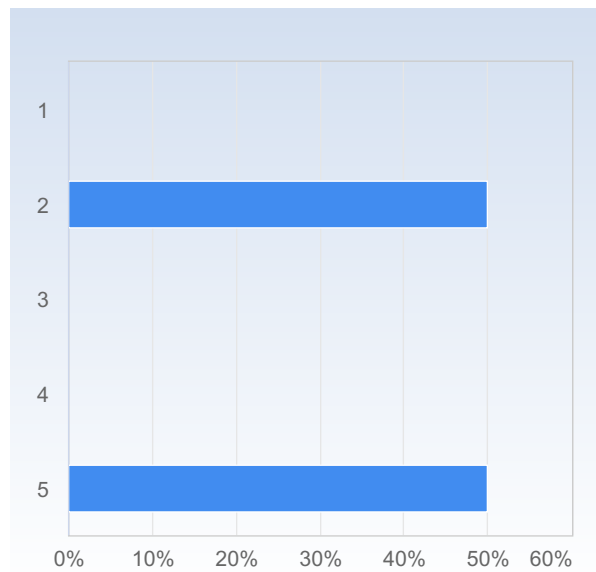| The information I received before the course start was satisfactory.	Number of responses
1	0 (0,0%)
2	1 (50,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (50,0%)
Total	2 (100,0%)

	Mean	Standard Deviation
The information I received before the course start was satisfactory.	3,5	2,1

## 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	1 (50,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (50,0%)
Total	2 (100,0%)

	Mean	Standard Deviation
The communication with the teaching staff during the course was good.	3,5	2,1

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

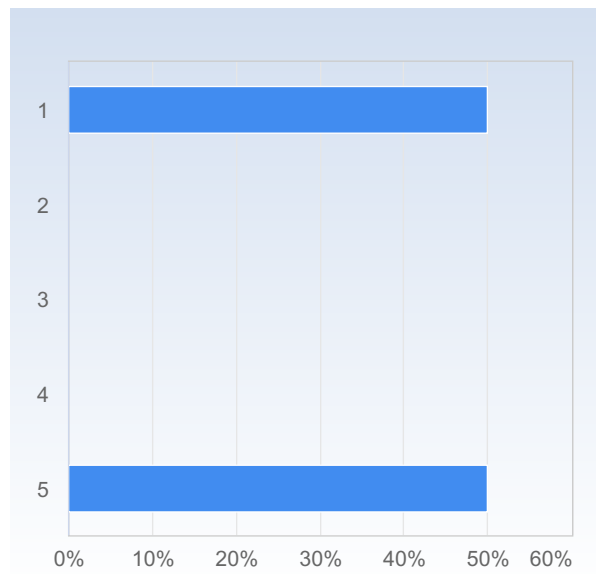| It was clear throughout the course what was expected of me.	Number of responses
1	1 (50,0%)
2	0 (0,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (50,0%)
Total	2 (100,0%)
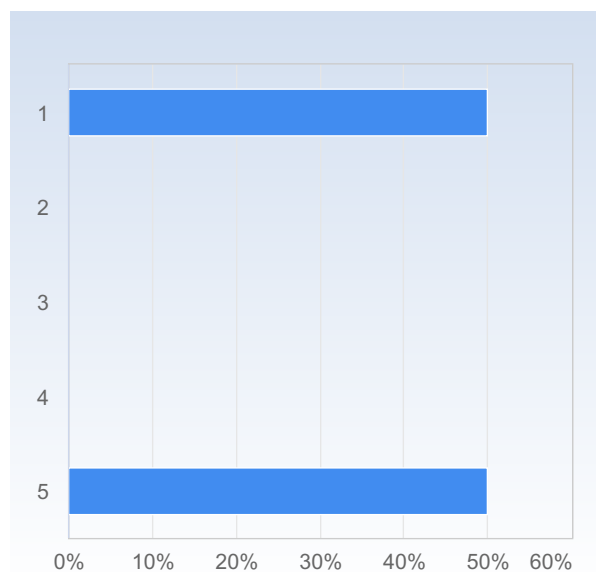
	Mean	Standard Deviation
It was clear throughout the course what was expected of me.	3,0	2,8

## 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	1 (50,0%)
2	0 (0,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (50,0%)
Total	2 (100,0%)

	Mean	Standard Deviation
I have received valuable feedback from my teacher/teachers during the course.	3,0	2,8

The course had a reasonable workload.

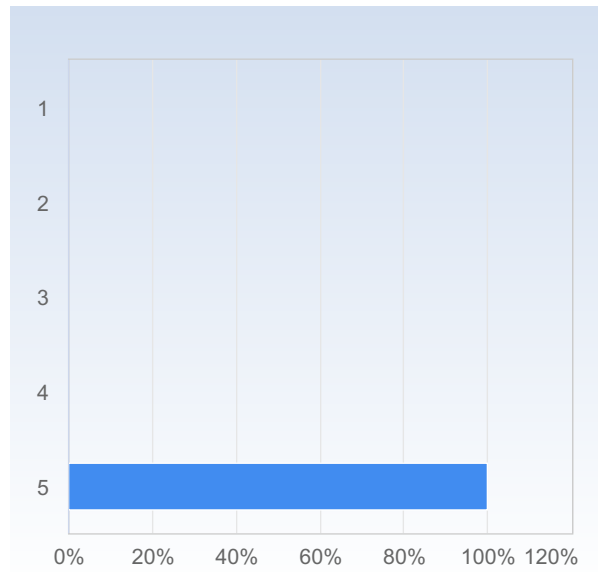| The course had a reasonable workload.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	1 (50,0%)
4	0 (0,0%)
5	1 (50,0%)
Total	2 (100,0%)
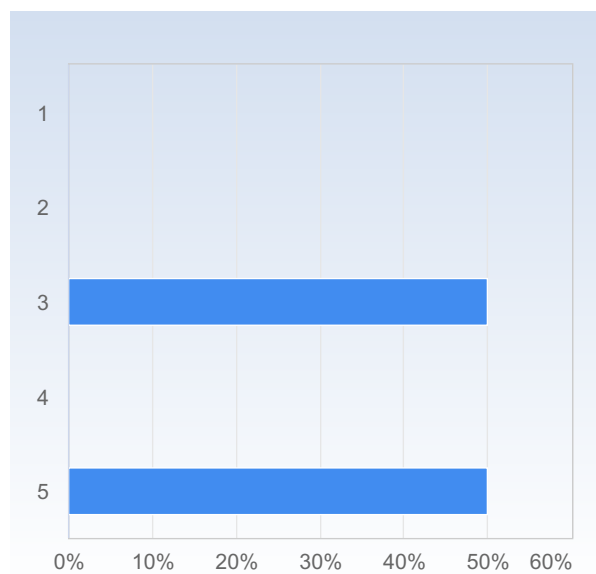
	Mean	Standard Deviation
The course had a reasonable workload.	4,0	1,4

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	0 (0,0%)
4	0 (0,0%)
5	2 (100,0%)
Total	2 (100,0%)

	Mean	Standard Deviation
The workload was evenly distributed throughout the course.	5,0	0,0

The examination matched the contents and level of the course.

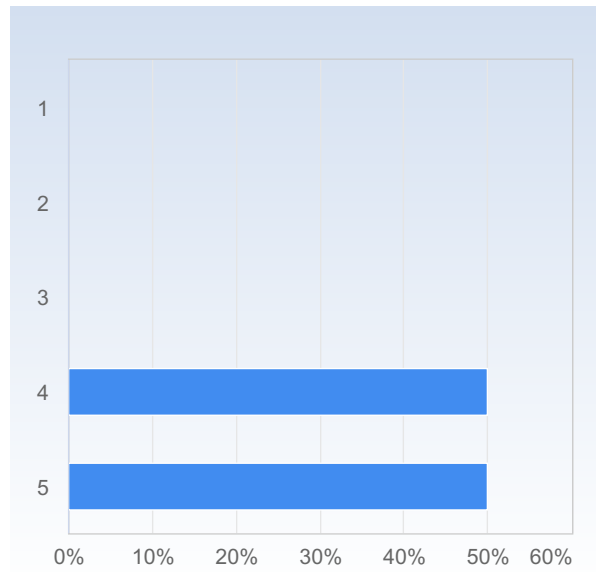| The examination matched the contents and level of the course.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	0 (0,0%)
5	2 (100,0%)
Total	2 (100,0%)
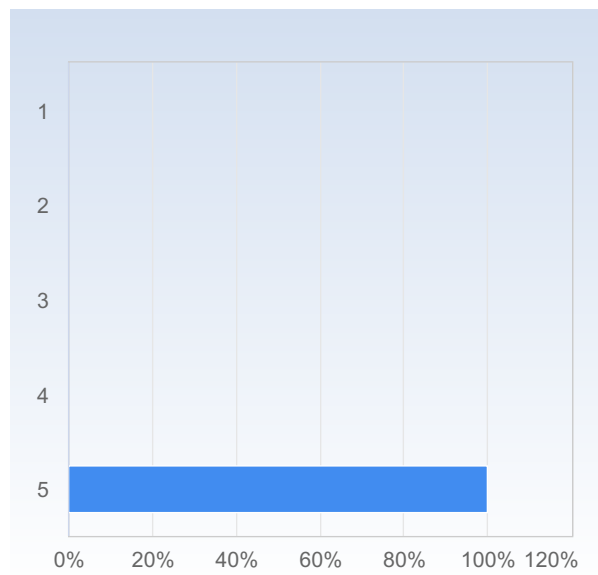
	Mean	Standard Deviation
The examination matched the contents and level of the course.	5,0	0,0

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	1 (50,0%)
5	1 (50,0%)
Total	2 (100,0%)

	Mean	Standard Deviation
Overall, I am satisfied with the course.	4,5	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
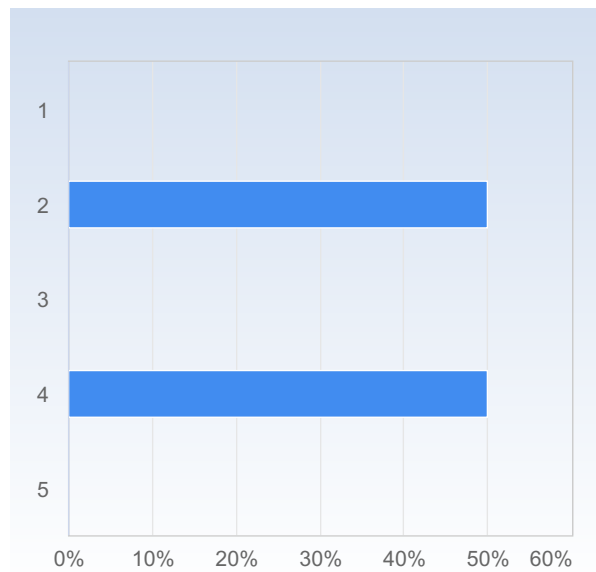## The course has increased my ability to read a mathematical text.

The course has increased my ability to read a mathematical text.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	1 (50,0%)
5	1 (50,0%)
Total	2 (100,0%)
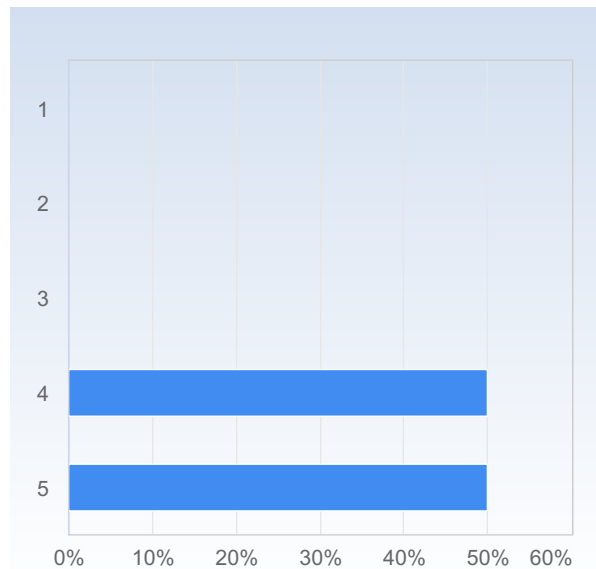
	Mean	Standard Deviation
The course has increased my ability to read a mathematical text.	4,5	0,7

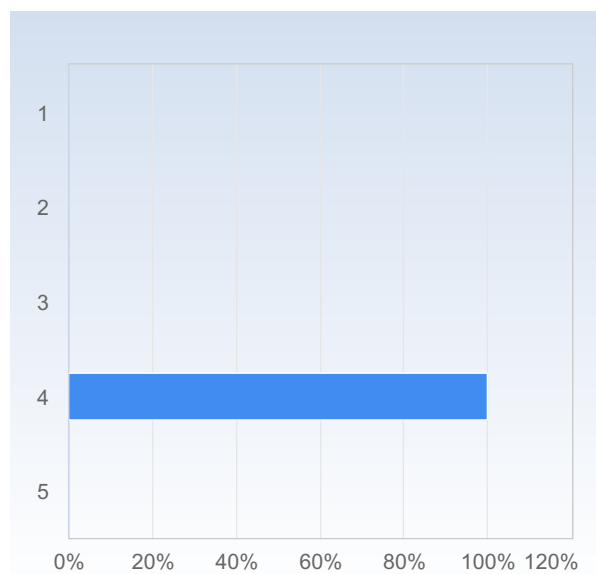## The course has increased my ability to communicate the subject in writing.

The course has increased my ability to communicate the subject in writing.	Number of responses
1	0 (0,0%)
2	1 (50,0%)
3	0 (0,0%)
4	1 (50,0%)
5	0 (0,0%)
Total	2 (100,0%)

	Mean	Standard Deviation
The course has increased my ability to communicate the subject in writing.	3,0	1,4

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

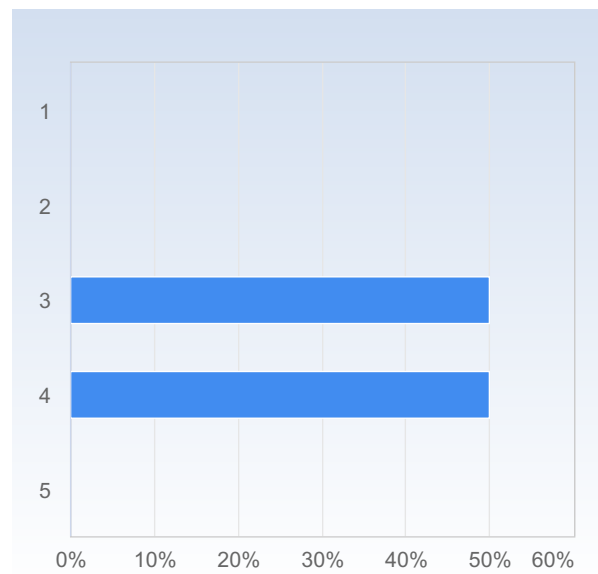| The course has increased my ability to communicate the subject orally.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	0 (0,0%)
4	2 (100,0%)
5	0 (0,0%)
Total	2 (100,0%)

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

The course has increased my ability to cooperate.

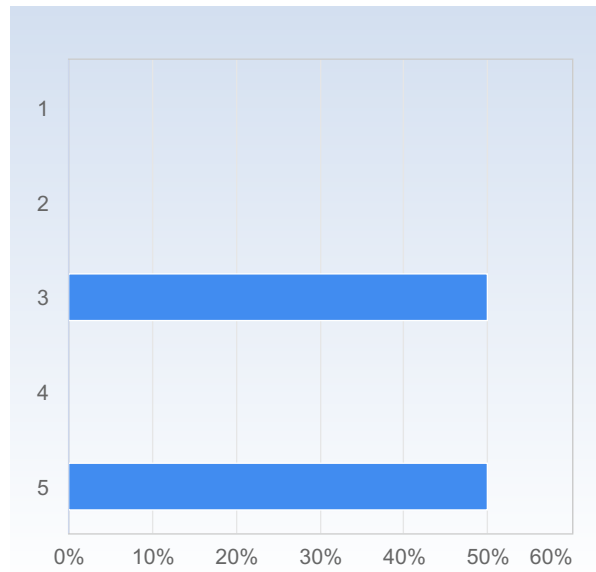| The course has increased my ability to cooperate.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	1 (50,0%)
4	1 (50,0%)
5	0 (0,0%)
Total	2 (100,0%)

	Mean	Standard Deviation
The course has increased my ability to cooperate.	3,5	0,7

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

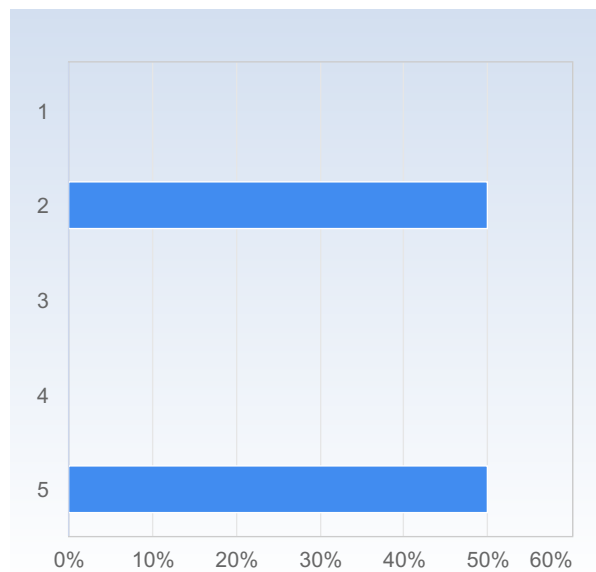| The course has increased my ability to search and process information.	Number of responses
1	0 (0,0%)
2	0 (0,0%)
3	1 (50,0%)
4	0 (0,0%)
5	1 (50,0%)
Total	2 (100,0%)

	Mean	Standard Deviation
The course has increased my ability to search and process information.	4,0	1,4

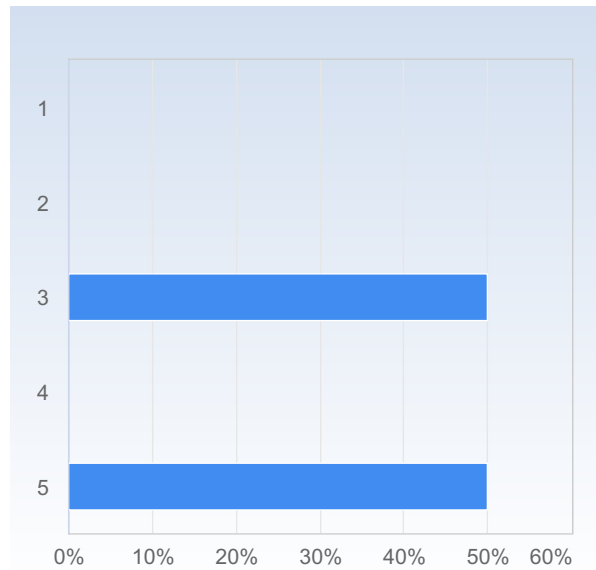## The course has increased my ability to analyze and solve problems.

The course has increased my ability to analyze and solve problems.	Number of responses
1	0 (0,0%)
2	1 (50,0%)
3	0 (0,0%)
4	0 (0,0%)
5	1 (50,0%)
Total	2 (100,0%)

	Mean	Standard Deviation
The course has increased my ability to analyze and solve problems.	3,5	2,1

## 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	1 (50,0%)
4	0 (0,0%)
5	1 (50,0%)
Total	2 (100,0%)

	Mean	Standard Deviation
As a result of this course, I feel confident about tackling unfamiliar problems.	4,0	1,4

Did the teaching/ learning situation under pandemia conditions influence your learning outcome (negative or positive) ?

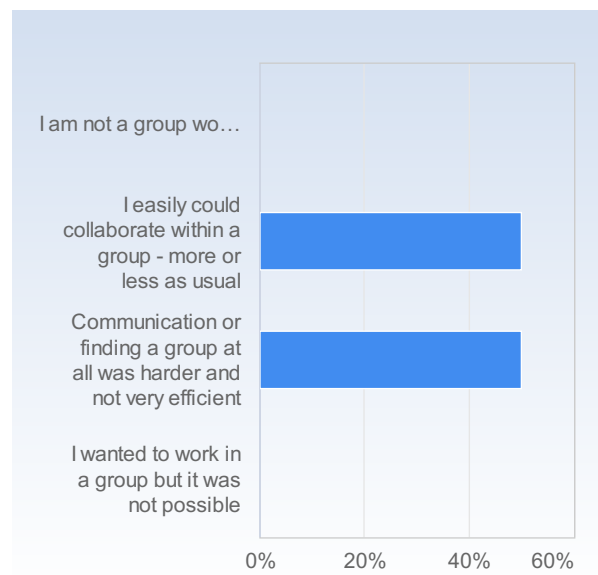| Did the teaching/ learning situation under pandemia conditions influence your learning outcome (negative or positive) ?	Number of responses
no, not at all	0 (0,0%)
yes, learning in the "zoom" way instead of in a lecture room made me to learn more effienciently	1 (50,0%)
yes, learning in the "zoom" way instead of in a lecture room made learning harder	1 (50,0%)
Total	2 (100,0%)
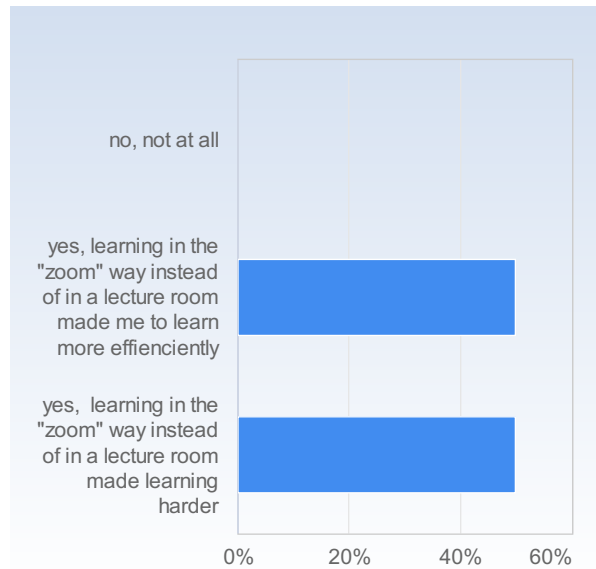
	Mean	Standard Deviation
Did the teaching/ learning situation under pandemia conditions influence your learning outcome (negative or positive) ?	2,5	0,7

Group work under pandemia conditions

Group work under pandemia conditions	Number of responses
I am not a group worker - so the pandemia did not change my working habits in this aspect	0 (0,0%)
I easily could collaborate within a group - more or less as usual	1 (50,0%)
Communication or finding a group at all was harder and not very efficient	1 (50,0%)
I wanted to work in a group but it was not possible	0 (0,0%)
Total	2 (100,0%)

	Mean	Standard Deviation
Group work under pandemia conditions	2,5	0,7