Course Analysis for
NUMN27 Numerical Analysis: Seminar, Spring 2024

Course Information

Lecturer: Philipp Birken
Teaching assistants:
Number of students:
7 newly registered and 0 re-registered.
3 students answered the course evaluation, 1 of them is enrolled on Bachelor's Programme in Mathematics, 1 on Master's Programme in Mathematics and 1 on Master's Programme, other specialization.

Examination

Written report: 5 students passed.
Oral presentation: 6 students passed.
Peer review: 5 students passed.

Final grades:
In all, 5 students have got their final grade.
5 passed.

Course Evaluation

Summary of student's answers:
The students were very satisfied with the course. One student suggested to add one session to discuss questions that came up.

Teachers' comments:
The course had
- 1 Lecture per week by students
- One written report
- Peer Review of the report
The students were given a topic for their lectures before the beginning of the term and then prepared a lecture on it.

Changes from the previous course realisation:
There were no changes, except that some new topics were introduced and some old ones removed.

**Suggestions for the next course realisation**:
We will adjust topics, as every year.

I have studied this course as part of

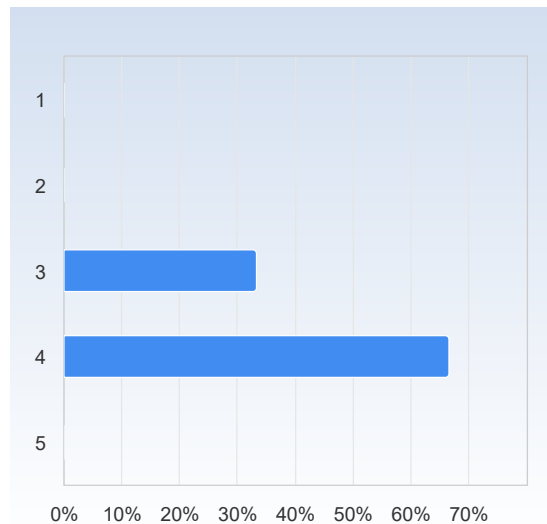| I have studied this course as part of	Number of responses
Bachelor´s Programme in Mathematics	1 (33.3%)
Master's Programme in Mathematics	1 (33.3%)
Master´s Programme in Mathematical Statistics	0 (0.0%)
Master´s Programme, other specialization	1 (33.3%)
other programme or as stand alone course	0 (0.0%)
Total	3 (100.0%)
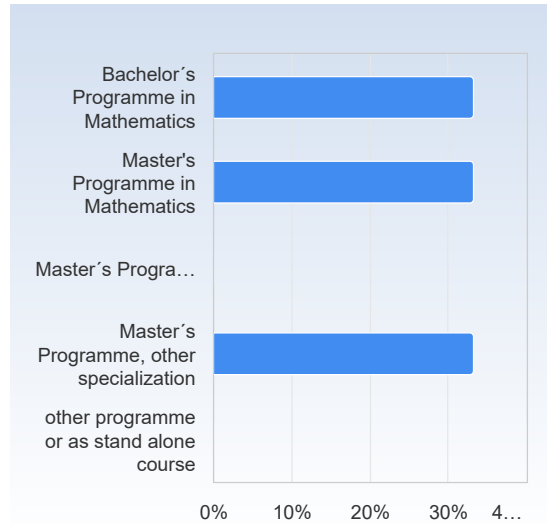
	Mean	Standard Deviation
I have studied this course as part of	3.7	2.5

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	1 (33.3%)
4	2 (66.7%)
5	0 (0.0%)
Total	3 (100.0%)

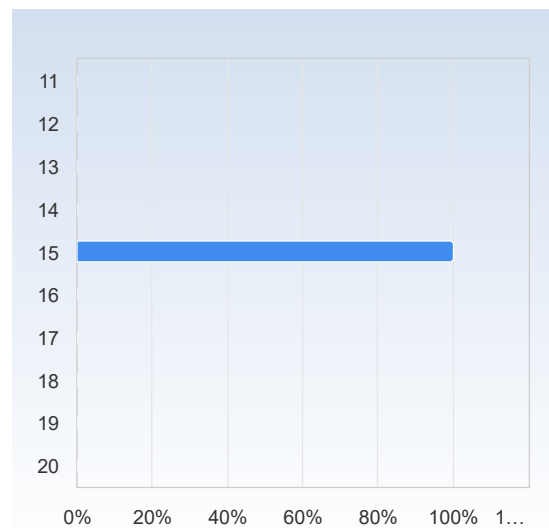|	Mean	Standard Deviation
2. My prior knowledge has been sufficient to assimilate the contents of this course.	3.7	0.6

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	2 (66.7%)
5	1 (33.3%)
Total	3 (100.0%)
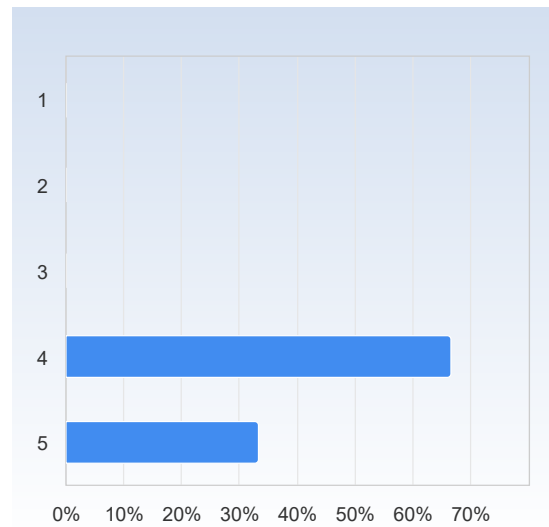
	Mean	Standard Deviation
3. I have participated actively in the course.	4.3	0.6

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
11	0 (0.0%)
12	0 (0.0%)
13	0 (0.0%)
14	0 (0.0%)
15	2 (100.0%)
16	0 (0.0%)
17	0 (0.0%)
18	0 (0.0%)
19	0 (0.0%)
20	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):	15.0	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

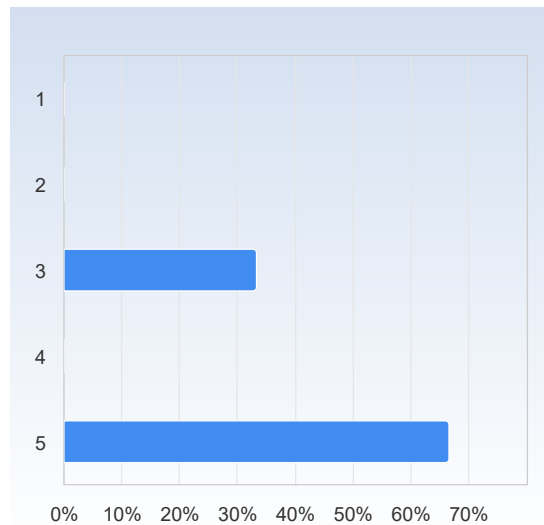**The way the course was taught and organised suited me.**

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	1 (33.3%)
5	2 (66.7%)
Total	3 (100.0%)
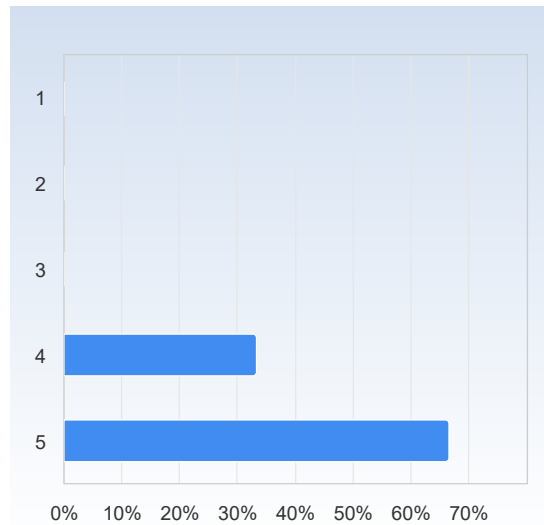
	Mean	Standard Deviation
The way the course was taught and organised suited me.	4.7	0.6

**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	1 (33.3%)
4	0 (0.0%)
5	2 (66.7%)
Total	3 (100.0%)

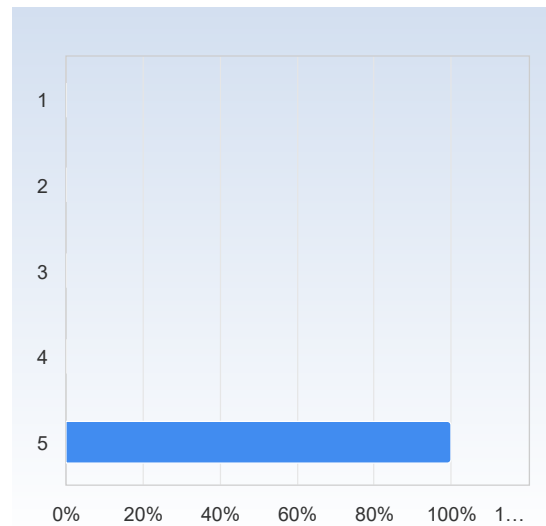|	Mean	Standard Deviation
The number of teacher lead activities (lectures, seminars etc.) has been satisfactory.	4.3	1.2

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	3 (100.0%)
5	0 (0.0%)
Total	3 (100.0%)
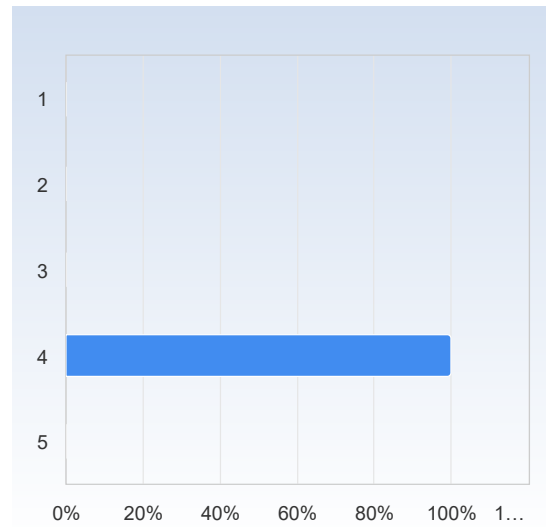
	Mean	Standard Deviation
The seminars were valuable for my learning.	4.0	0.0

My own seminar was valuable for my learning.

My own seminar 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	3 (100.0%)
Total	3 (100.0%)

	Mean	Standard Deviation
My own seminar was valuable for my learning.	5.0	0.0

The course literature/material was a valuable learning resource.

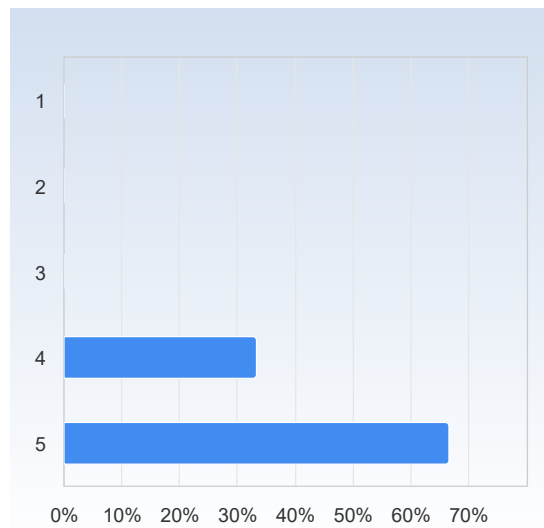| The course literature/material was a valuable learning resource.	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	1 (50.0%)
5	1 (50.0%)
Total	2 (100.0%)
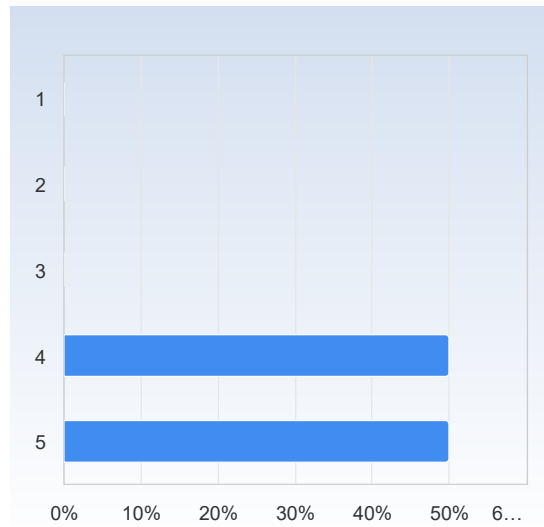
	Mean	Standard Deviation
The course literature/material was a valuable learning resource.	4.5	0.7

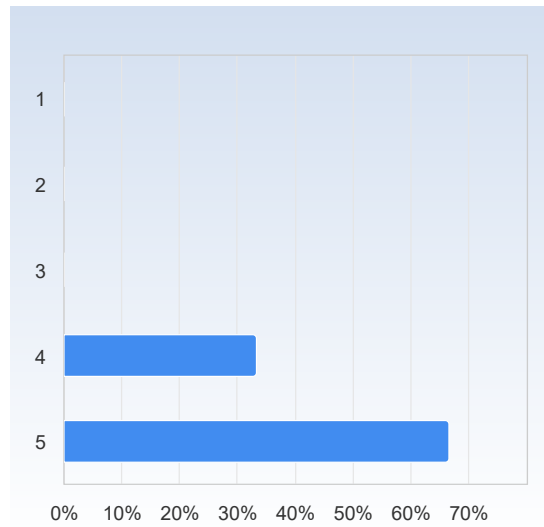## The information I received before the course start was satisfactory.

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	1 (33.3%)
5	2 (66.7%)
Total	3 (100.0%)

	Mean	Standard Deviation
The information I received before the course start was satisfactory.	4.7	0.6

## 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	1 (33.3%)
5	2 (66.7%)
Total	3 (100.0%)

	Mean	Standard Deviation
The communication with the teaching staff during the course was good.	4.7	0.6

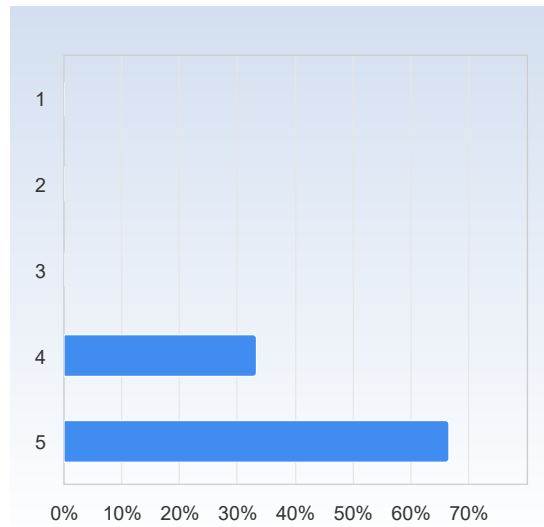## It was clear throughout the course what was expected of me.

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	2 (66.7%)
5	1 (33.3%)
Total	3 (100.0%)
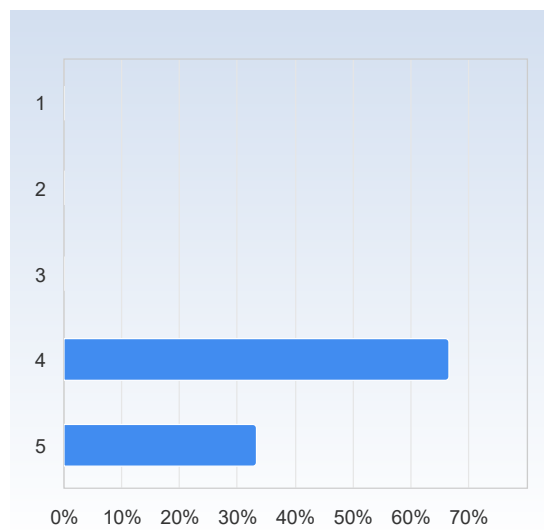
	Mean	Standard Deviation
It was clear throughout the course what was expected of me.	4.3	0.6

## 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	1 (33.3%)
5	2 (66.7%)
Total	3 (100.0%)

	Mean	Standard Deviation
I have received valuable feedback from my teacher/teachers during the course.	4.7	0.6

The course had a reasonable workload.

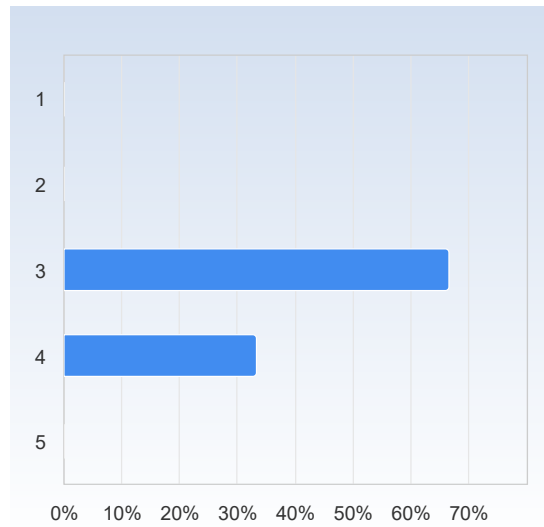| The course had a reasonable workload.	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	1 (33.3%)
5	2 (66.7%)
Total	3 (100.0%)
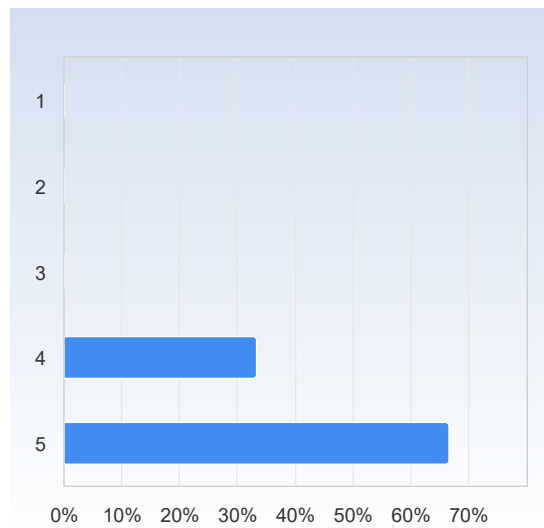
	Mean	Standard Deviation
The course had a reasonable workload.	4.7	0.6

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	2 (66.7%)
4	1 (33.3%)
5	0 (0.0%)
Total	3 (100.0%)

	Mean	Standard Deviation
The workload was evenly distributed throughout the course.	3.3	0.6

The examination matched the contents and level of the course.

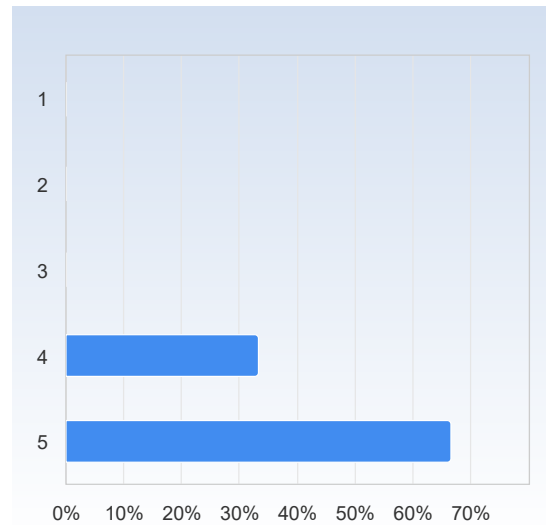| The examination matched the contents and level of the course.	Number of responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	0 (0.0%)
5	2 (100.0%)
Total	2 (100.0%)
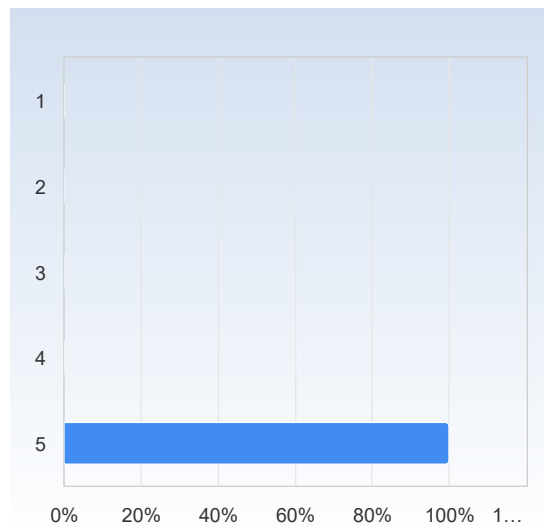
	Mean	Standard Deviation
The examination matched the contents and level of the course.	5.0	0.0

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 (33.3%)
5	2 (66.7%)
Total	3 (100.0%)

	Mean	Standard Deviation
Overall, I am satisfied with the course.	4.7	0.6

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

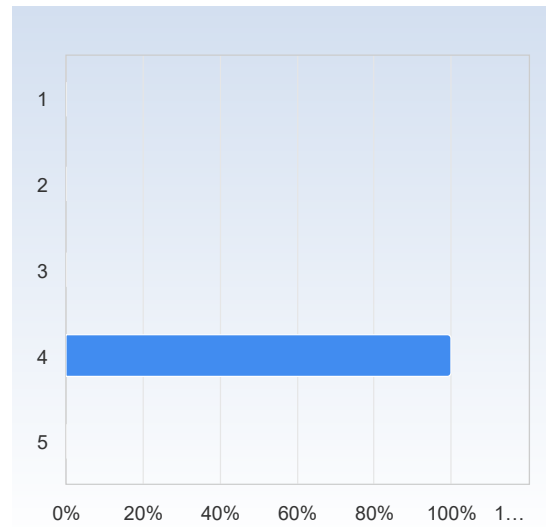**The course has increased my ability to read a mathematical text.**

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 (33.3%)
5	2 (66.7%)
Total	3 (100.0%)
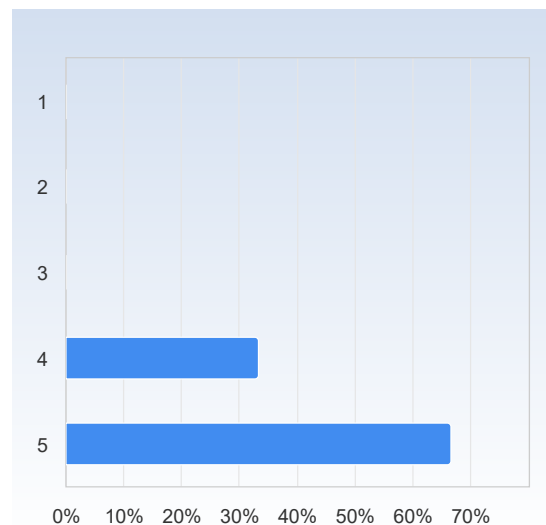
	Mean	Standard Deviation
The course has increased my ability to read a mathematical text.	4.7	0.6

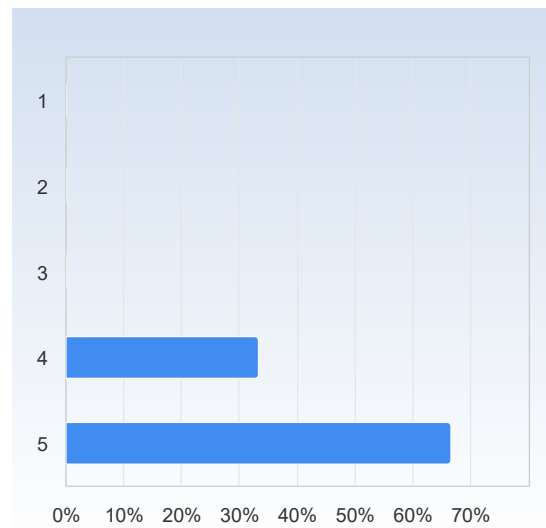## The course has increased my ability to communicate the subject in writing.

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	3 (100.0%)
5	0 (0.0%)
Total	3 (100.0%)

	Mean	Standard Deviation
The course has increased my ability to communicate the subject in writing.	4.0	0.0

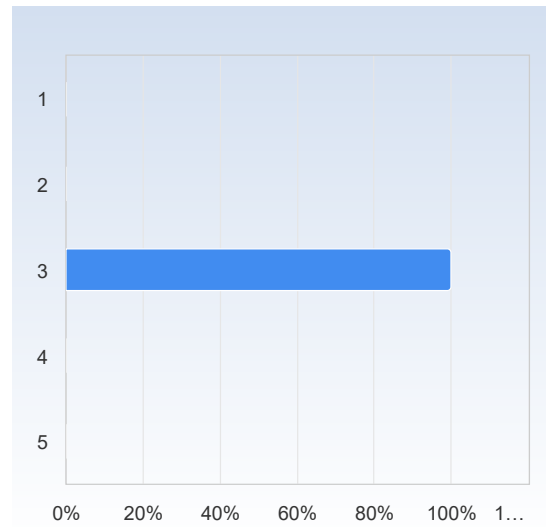## The course has increased my ability to communicate the subject orally.

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	1 (33.3%)
5	2 (66.7%)
Total	3 (100.0%)

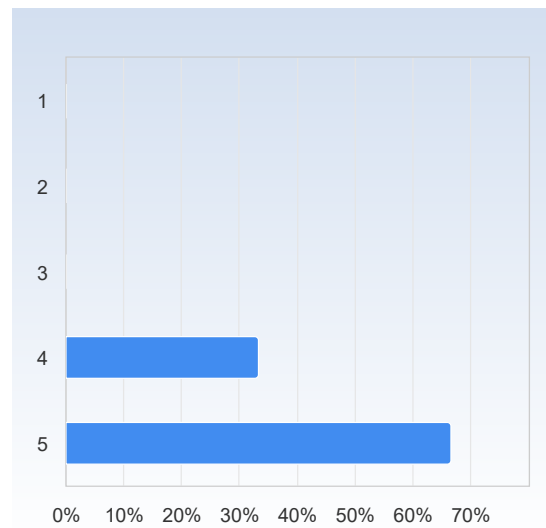|	Mean	Standard Deviation
The course has increased my ability to communicate the subject orally.	4.7	0.6

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	2 (100.0%)
4	0 (0.0%)
5	0 (0.0%)
Total	2 (100.0%)

	Mean	Standard Deviation
The course has increased my ability to cooperate.	3.0	0.0

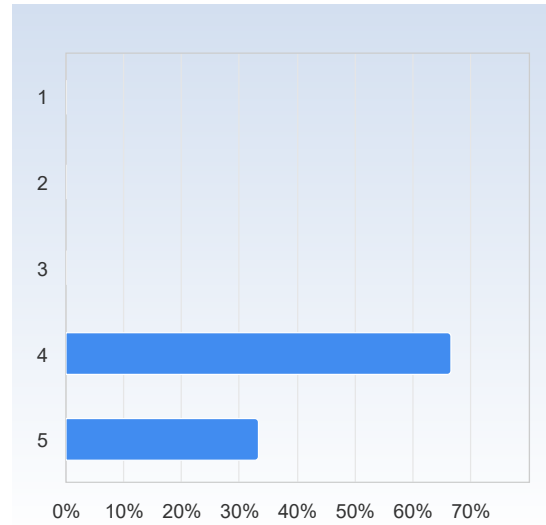## The course has increased my ability to search and process information.

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 (33.3%)
5	2 (66.7%)
Total	3 (100.0%)

	Mean	Standard Deviation
The course has increased my ability to search and process information.	4.7	0.6

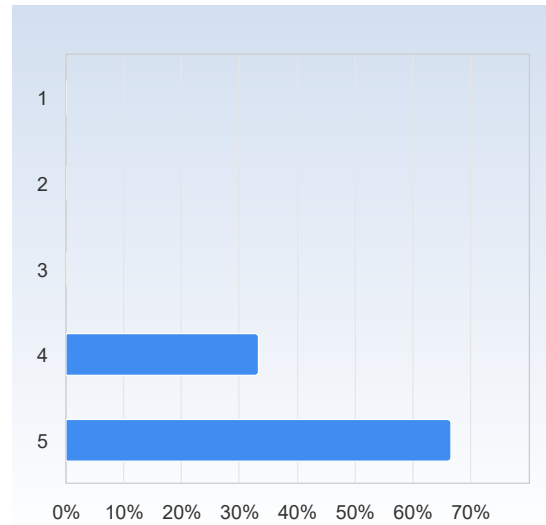## The course has increased my ability to analyze and solve problems.

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	2 (66.7%)
5	1 (33.3%)
Total	3 (100.0%)

	Mean	Standard Deviation
The course has increased my ability to analyze and solve problems.	4.3	0.6

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 (33.3%)
5	2 (66.7%)
Total	3 (100.0%)

	Mean	Standard Deviation
As a result of this course, I feel confident about tackling unfamiliar problems.	4.7	0.6