



LUND UNIVERSITY  
Faculty of Science

Centre for Mathematical Sciences  
Division of Mathematics and Numerical  
Analysis

## Course Analysis for NUMB11 Numerical Linear Algebra, Autumn 2023

### Course Information

**Lecturer:**

**Teaching assistants:**

**Number of students:**

25 newly registered and 4 re-registered.

4 students answered the course evaluation.

### Examination

**Oral examination:** 17 students passed.

**Final grades:**

In all, 13 students, including 2 re-registered students, have got their final grade.

8 passed with distinction.

5 passed.

### Course Evaluation

**Summary of student's answers:**

2 Students were very satisfied, two not at all. In a free text answer, a student wants more coordination between the teachers, study materials, and a different assessment method than the oral exam.

**Teachers' comments:**

The teaching consists of lectures. Theoretical home assignments and computer exercises are a central part of the course. These assignments should be solved in smaller groups and reports can be handed in for feedback during the course. The assignments are not compulsory, but they are recommended as preparation for the oral examination at the end of the course. The course is taught together with FMNN01 at LTH. The course evaluation there is done separately.

**Changes from the previous course realisation:**

Compared to the previous course realisation, the biggest change was that Claus Führer retired and was replaced by Andreas Langer, who has now given the course for the first time.

**Suggestions for the next course realisation:**

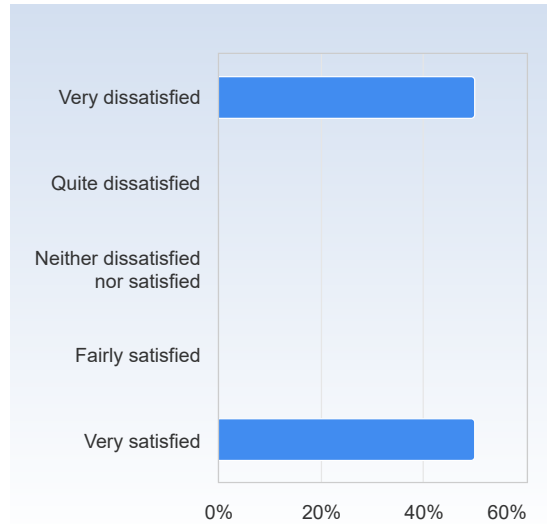
We do not suggest changes for the next course realisation.

## NUMB11 - Numerical Linear Algebra, Autumn 2023

Respondents: 27  
 Answer Count: 4  
 Answer Frequency: 14,81 %

### How satisfied are you with the course overall?

How satisfied are you with the course overall?	Number of responses
Very dissatisfied	2 (50,0%)
Quite dissatisfied	0 (0,0%)
Neither dissatisfied nor satisfied	0 (0,0%)
Fairly satisfied	0 (0,0%)
Very satisfied	2 (50,0%)
Total	4 (100,0%)

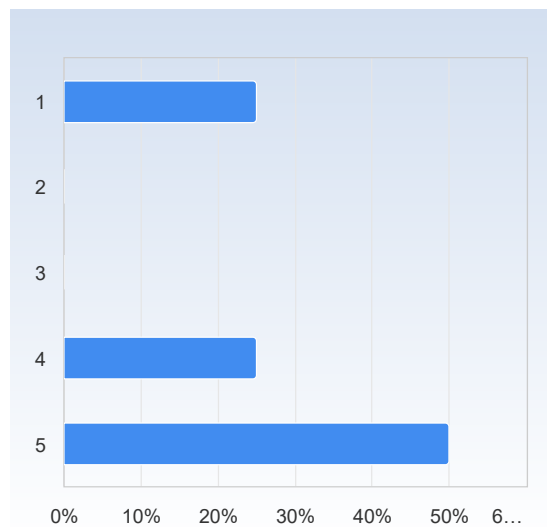


How satisfied are you with the course overall?	Mean	Standard Deviation
	3,0	2,3

To what degree did each course component below contribute to your learning during the course? Make your assessment on a scale of 1 to 5 where 1=to a very low degree and 5=to a very high degree.

### Lectures

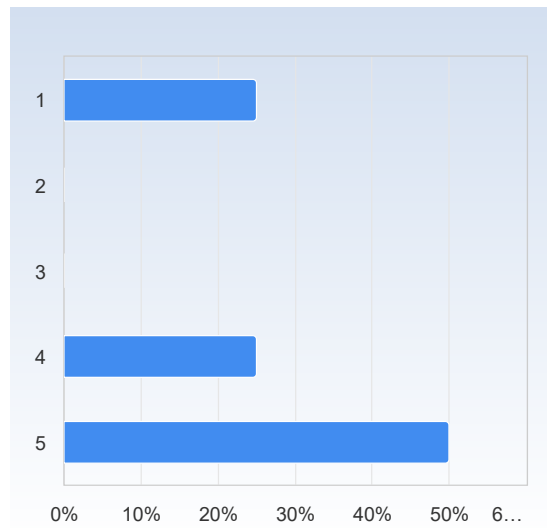
Lectures	Number of responses
1	1 (25,0%)
2	0 (0,0%)
3	0 (0,0%)
4	1 (25,0%)
5	2 (50,0%)
Total	4 (100,0%)



	Mean	Standard Deviation
Lectures	3,8	1,9

### Assignments

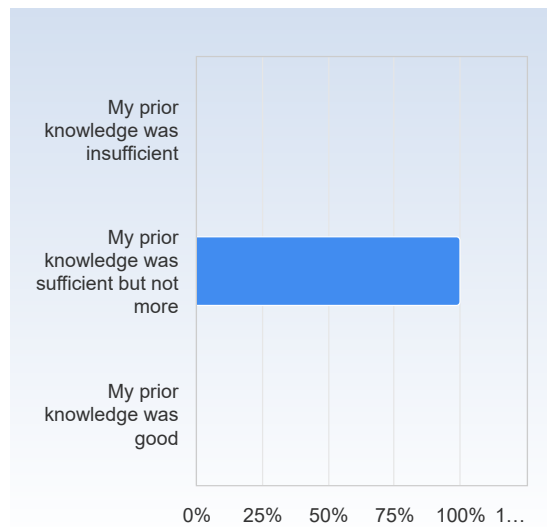
Assignments	Number of responses
1	1 (25,0%)
2	0 (0,0%)
3	0 (0,0%)
4	1 (25,0%)
5	2 (50,0%)
Total	4 (100,0%)



	Mean	Standard Deviation
Assignments	3,8	1,9

### How was your prior knowledge at the start of the course?

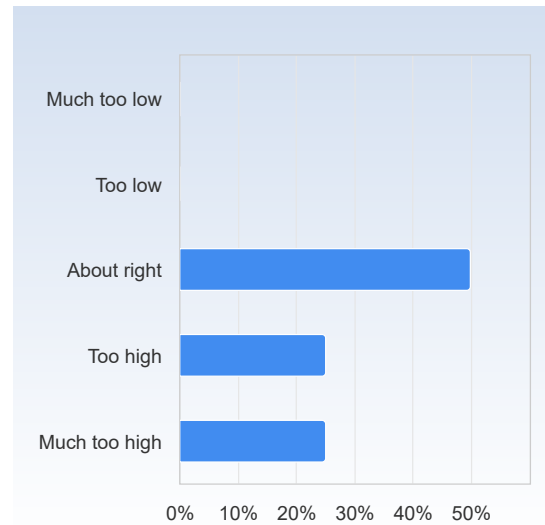
How was your prior knowledge at the start of the course?	Number of responses
My prior knowledge was insufficient	0 (0,0%)
My prior knowledge was sufficient but not more	4 (100,0%)
My prior knowledge was good	0 (0,0%)
Total	4 (100,0%)



	Mean	Standard Deviation
How was your prior knowledge at the start of the course?	2,0	0,0

## How did you feel about the requirements on your work efforts during the course?

How did you feel about the requirements on your work efforts during the course?	Number of responses
Much too low	0 (0,0%)
Too low	0 (0,0%)
About right	2 (50,0%)
Too high	1 (25,0%)
Much too high	1 (25,0%)
Total	4 (100,0%)



	Mean	Standard Deviation
How did you feel about the requirements on your work efforts during the course?	3,8	1,0

## If you have any further comments on the course, please write them here:

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The alternating professors left students feeling disoriented due to differing teaching styles and expectations. The biggest concern was the exclusive use of oral exams with no study materials provided, causing significant stress and uncertainty. Implementing structured coordination between professors, offering study materials, and exploring alternative assessment methods are essential for an improved learning experience.