

## **Course compilation for MATC12 "ODE 1" HT 2021**

**Course coordinator:** Nils Dencker

**Number of students:** 26 registered students.

**Grades:** 9 G, 9 VG of 18 taking the exam and the reexam.

### **Evaluation**

#### **I. Summary of Course Evaluation**

Total number of answers: 4

*Short summary of the result:* Unfortunately, only about 15% did the course evaluation, which is lower than last time (20%), but 25% of the students that took the written exam did the evaluation. The reason could be that the majority of the students were exchange students, who are going back home and thus may not be so interested in improving the course. The low response rate makes it hard to draw any valid conclusions of the evaluation.

It still seems like the students spend too little time on the course, since all the students that answered worked 11-21 hours a week on the course, which was scheduled at half speed. It was 75% who felt that they had been relatively active on the course, which was more than last time, and 75% of them thought it had been a reasonable workload, which was less.

All of the respondents thought that the prerequisites were fairly sufficient for the course, 75% thought the course worked well, which was more than last time, and 50% thought it was clear what was expected of them, which was less. 75% felt that the literature helped and 25% that the exercises helped, which was less than last time. All of them felt that the exam matched the content and level of the course.

50% thought that the course has made them more confident in tackling unfamiliar problems, but no one thought that working in groups helped, which was less than last time. 75% thought that the course had increased their reading and writing skills, but only 25% thought that it increased their verbal skills, which was less.

75% were satisfied with the quality of the course, about the same as last time.

#### **II. Evaluation of changes since last course**

The number of registered students was less than a half of what it was the last time the course were given. The ongoing pandemic could have influenced the registration since there were less foreign students and no zoom lectures. The smaller number of students could have impaired the working in groups.

#### **III. Proposed changes to the next course**

There were no suggestions for changes from the students.

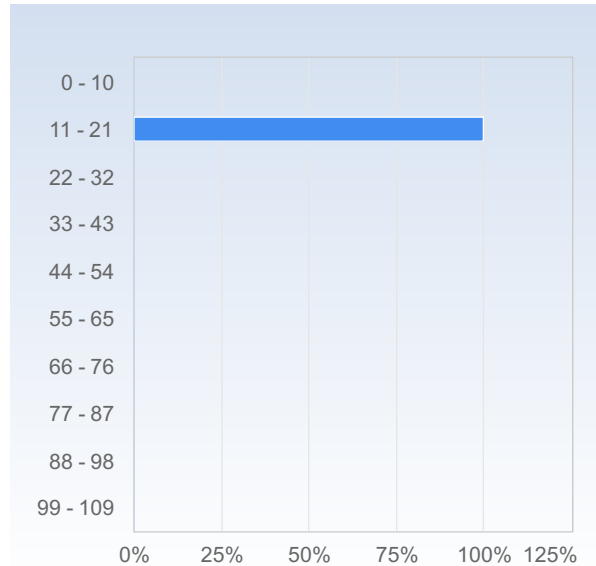
2021-12-28, compiled by Nils Dencker

# ODE1 2021

Answer Count: 4

## On average, how many hours per week have I spent on this course (including lectures, problem sessions, etc):

On average, how many hours per week have I spent on this course (including lectures, problem sessions, etc):	Number of responses
0 - 10	0 (0,0%)
11 - 21	3 (100,0%)
22 - 32	0 (0,0%)
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	3 (100,0%)

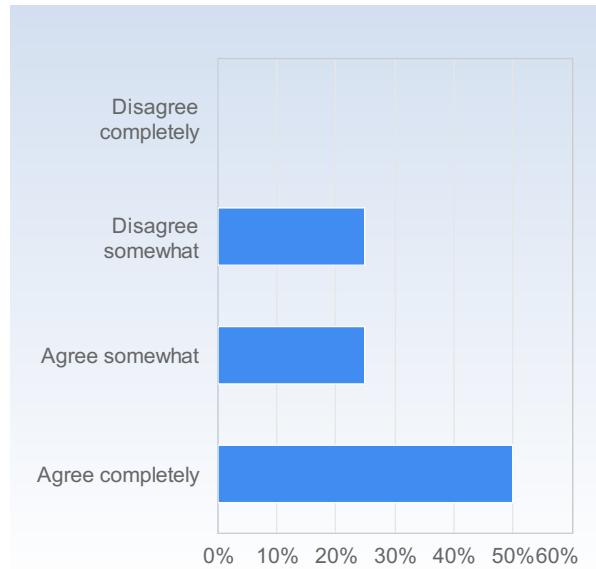


On average, how many hours per week have I spent on this course (including lectures, problem sessions, etc):	Mean	Standard Deviation
	15,0	2,0

## About me

### I have participated actively in the course

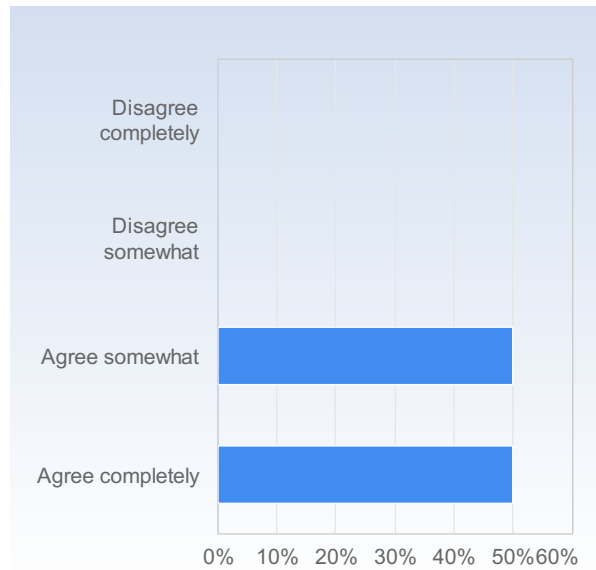
I have participated actively in the course	Number of responses
Disagree completely	0 (0,0%)
Disagree somewhat	1 (25,0%)
Agree somewhat	1 (25,0%)
Agree completely	2 (50,0%)
Total	4 (100,0%)



	Mean	Standard Deviation
I have participated actively in the course	3,3	1,0

### My prior knowledge has been sufficient to be able to learn the contents of this course

My prior knowledge has been sufficient to be able to learn the contents of this course	Number of responses
Disagree completely	0 (0,0%)
Disagree somewhat	0 (0,0%)
Agree somewhat	2 (50,0%)
Agree completely	2 (50,0%)
Total	4 (100,0%)

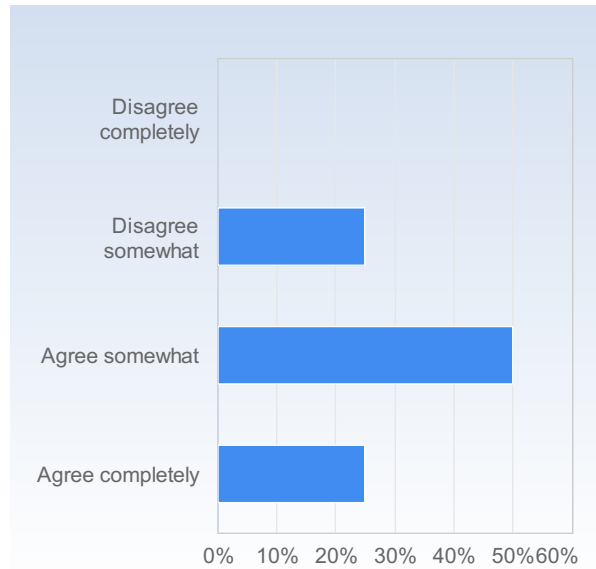


	Mean	Standard Deviation
My prior knowledge has been sufficient to be able to learn the contents of this course	3,5	0,6

## On the teaching of the course

### The way the course was taught worked well for me and helped me do my best

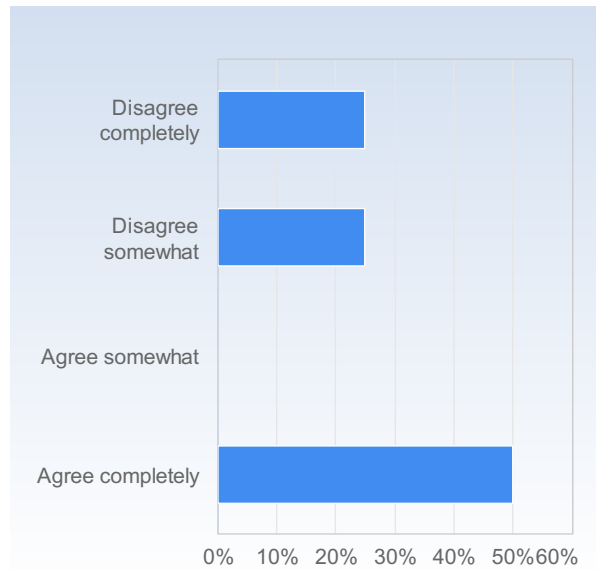
The way the course was taught worked well for me and helped me do my best	Number of responses
Disagree completely	0 (0,0%)
Disagree somewhat	1 (25,0%)
Agree somewhat	2 (50,0%)
Agree completely	1 (25,0%)
Total	4 (100,0%)



	Mean	Standard Deviation
The way the course was taught worked well for me and helped me do my best	3,0	0,8

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

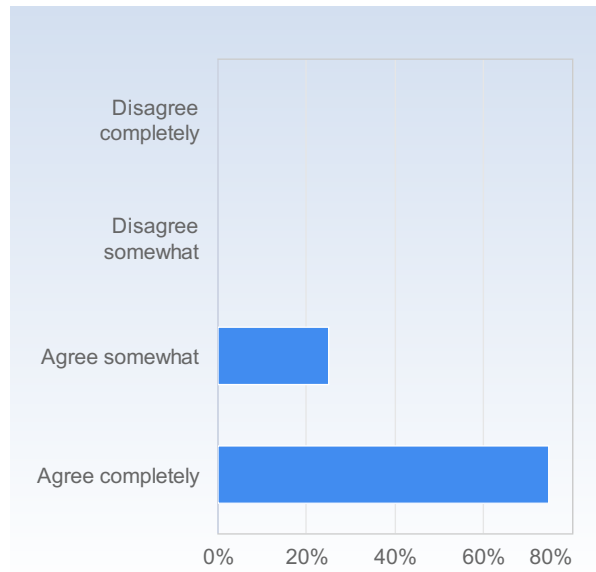
It was clear throughout the course what was expected of me	Number of responses
Disagree completely	1 (25,0%)
Disagree somewhat	1 (25,0%)
Agree somewhat	0 (0,0%)
Agree completely	2 (50,0%)
Total	4 (100,0%)



	Mean	Standard Deviation
It was clear throughout the course what was expected of me	2,8	1,5

### The course had a reasonable workload

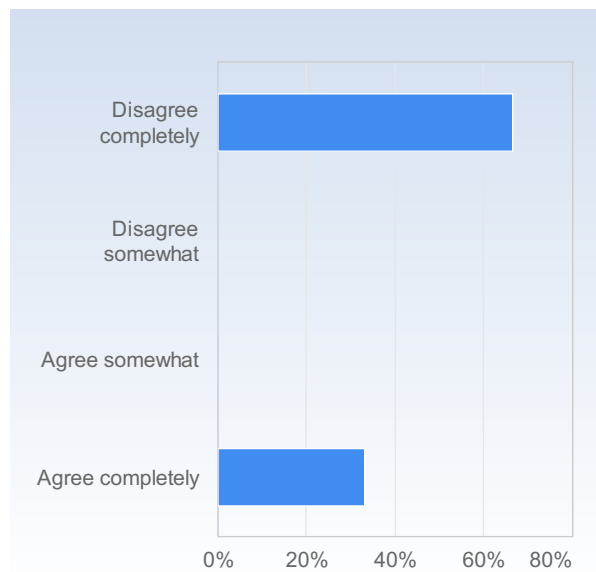
The course had a reasonable workload	Number of responses
Disagree completely	0 (0,0%)
Disagree somewhat	0 (0,0%)
Agree somewhat	1 (25,0%)
Agree completely	3 (75,0%)
Total	4 (100,0%)



	Mean	Standard Deviation
The course had a reasonable workload	3,8	0,5

### The homework/hand-ins/projects really helped my learning

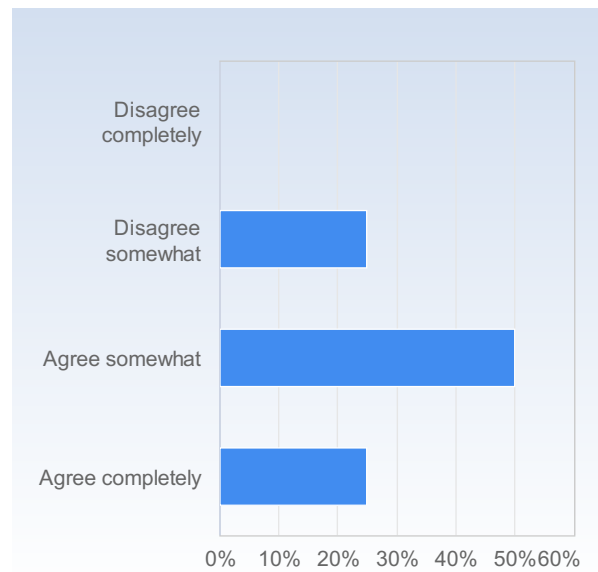
The homework/hand-ins/projects really helped my learning	Number of responses
Disagree completely	2 (66,7%)
Disagree somewhat	0 (0,0%)
Agree somewhat	0 (0,0%)
Agree completely	1 (33,3%)
Total	3 (100,0%)



	Mean	Standard Deviation
The homework/hand-ins/projects really helped my learning	2,0	1,7

### The course literature really helped my learning

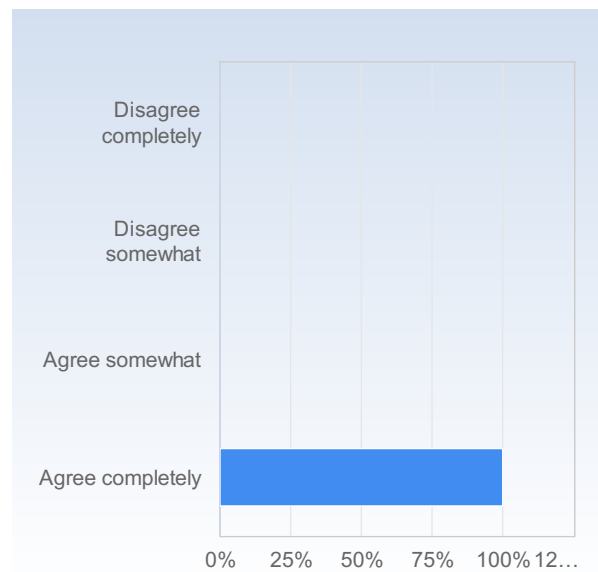
The course literature really helped my learning	Number of responses
Disagree completely	0 (0,0%)
Disagree somewhat	1 (25,0%)
Agree somewhat	2 (50,0%)
Agree completely	1 (25,0%)
Total	4 (100,0%)



	Mean	Standard Deviation
The course literature really helped my learning	3,0	0,8

### The contents and level of the examination matched the contents and level of the course

The contents and level of the examination matched the contents and level of the course	Number of responses
Disagree completely	0 (0,0%)
Disagree somewhat	0 (0,0%)
Agree somewhat	0 (0,0%)
Agree completely	4 (100,0%)
Total	4 (100,0%)

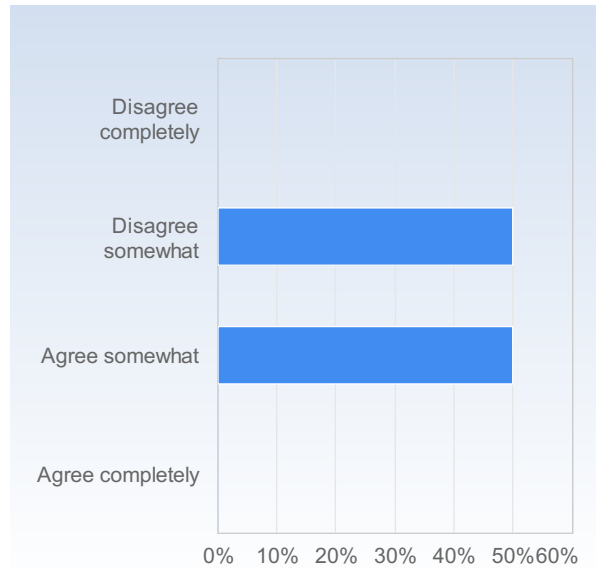


	Mean	Standard Deviation
The contents and level of the examination matched the contents and level of the course	4,0	0,0

## On the development of generic skills

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

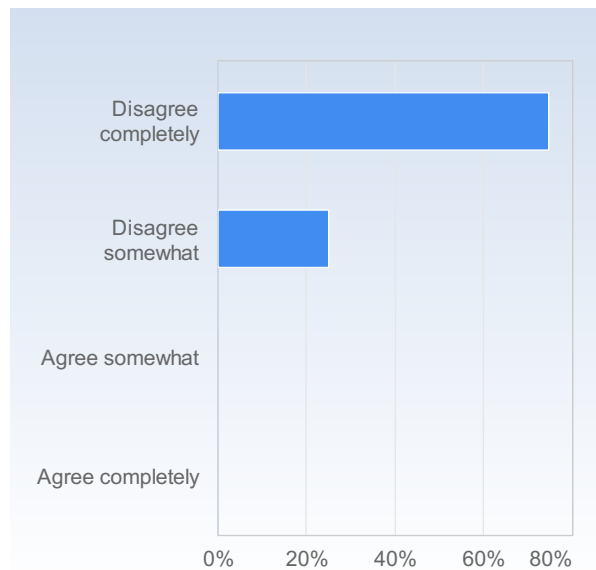
As a result this course, I feel confident about tackling unfamiliar problems	Number of responses
Disagree completely	0 (0,0%)
Disagree somewhat	2 (50,0%)
Agree somewhat	2 (50,0%)
Agree completely	0 (0,0%)
Total	4 (100,0%)



	Mean	Standard Deviation
As a result this course, I feel confident about tackling unfamiliar problems	2,5	0,6

### As a result this course, I feel more confident working on mathematical problems as part of a group

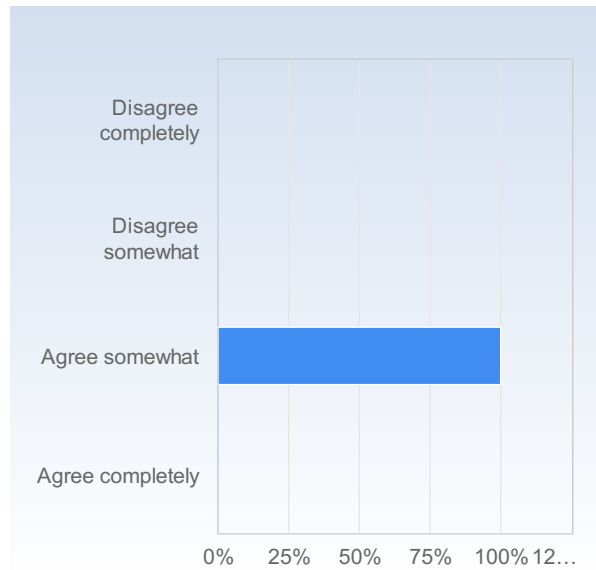
As a result this course, I feel more confident working on mathematical problems as part of a group	Number of responses
Disagree completely	3 (75,0%)
Disagree somewhat	1 (25,0%)
Agree somewhat	0 (0,0%)
Agree completely	0 (0,0%)
Total	4 (100,0%)



	Mean	Standard Deviation
As a result this course, I feel more confident working on mathematical problems as part of a group	1,3	0,5

### The course has increased my ability to read a mathematical text

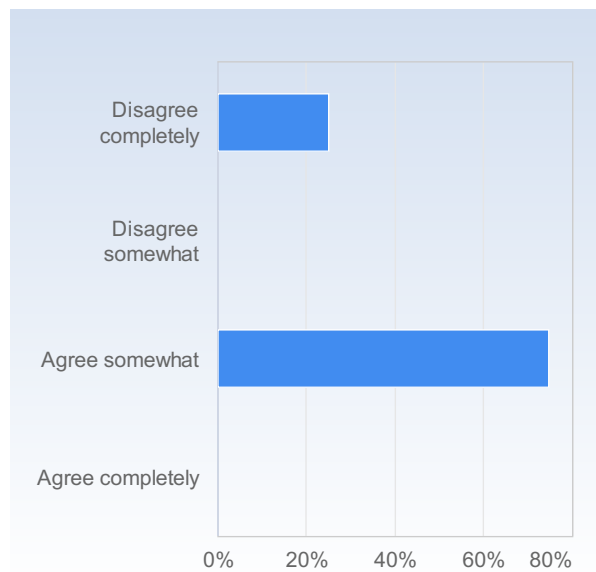
The course has increased my ability to read a mathematical text	Number of responses
Disagree completely	0 (0,0%)
Disagree somewhat	0 (0,0%)
Agree somewhat	4 (100,0%)
Agree completely	0 (0,0%)
Total	4 (100,0%)



	Mean	Standard Deviation
The course has increased my ability to read a mathematical text	3,0	0,0

### The course has increased my ability to communicate mathematics in writing

The course has increased my ability to communicate mathematics in writing	Number of responses
Disagree completely	1 (25,0%)
Disagree somewhat	0 (0,0%)
Agree somewhat	3 (75,0%)
Agree completely	0 (0,0%)
Total	4 (100,0%)



	Mean	Standard Deviation
The course has increased my ability to communicate mathematics in writing	2,5	1,0



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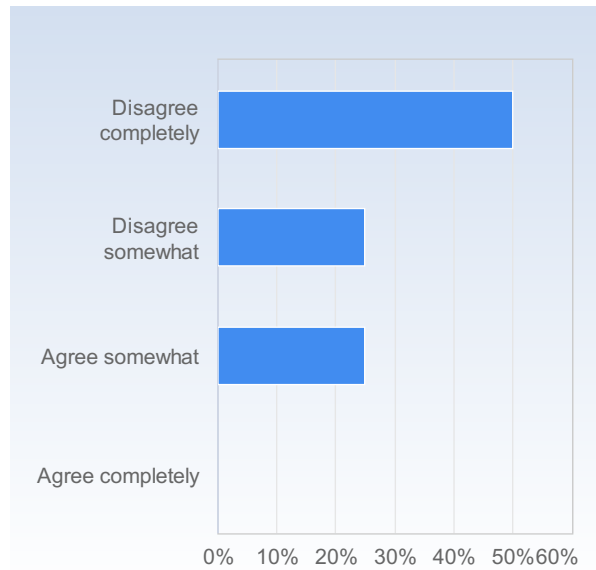
#### **III. Proposed changes to the next course**

There were no suggestions for changes from the students.

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## The course has increased my ability to communicate mathematics orally

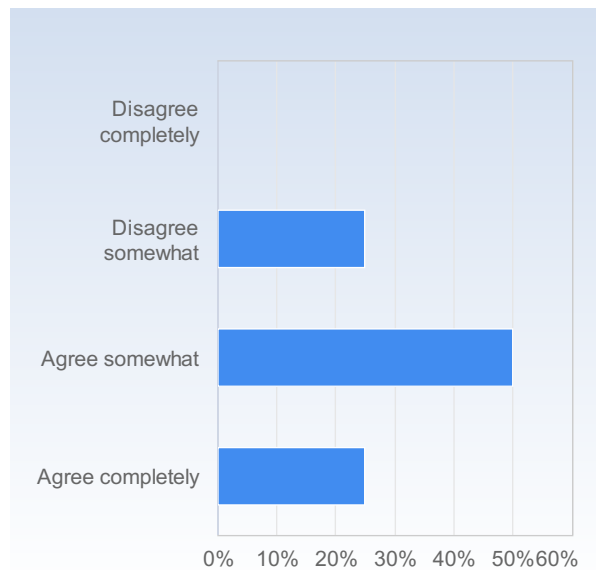
The course has increased my ability to communicate mathematics orally	Number of responses
Disagree completely	2 (50,0%)
Disagree somewhat	1 (25,0%)
Agree somewhat	1 (25,0%)
Agree completely	0 (0,0%)
Total	4 (100,0%)



The course has increased my ability to communicate mathematics orally	Mean	Standard Deviation
	1,8	1,0

## In conclusion

Overall I was satisfied with the quality of the course	Number of responses
Disagree completely	0 (0,0%)
Disagree somewhat	1 (25,0%)
Agree somewhat	2 (50,0%)
Agree completely	1 (25,0%)
Total	4 (100,0%)



Overall I was satisfied with the quality of the course	Mean	Standard Deviation
	3,0	0,8