

MA8017 (Engineering Mathematics, HT 2024, Halmstad, H3117, X3128)

Number of possible respondents: 42

Answers: 22

Response rate: 52,38 %

Study pace: 50 %

Examiner's course analysis

Based on the course evaluation result - which are the strengths of the course?

According to course evaluation communication between teachers and students and course materials are strong positive aspects of the course

Based on the course evaluation result - which are the weaknesses of the course?

According to course evaluation the exam is too difficult and the course project is irrelevant to the lecture content

Comments about the collaboration with the course ambassadors

Ambassadors were helpful at the beginning in transmitting information from teachers to students and also helping the class to organise studying process (studying groups were introduced)

Conclusion and suggestions for course development or already made decisions

We keep contact with other teachers in the program(s) to align the course content with mathematical background needed in subjects of specialisation.

Other comments

The course project is indeed disconnected from lectures. The purpose of this part of the course is to prepare students to present their solutions to engineering problems in a structural way with clearly expressed technical motivation why the chosen approach works and analysis of the results.

Gender

	Number of responses	Distribution (%)
Female	14	64%
Male	8	36%
Do not want to define	0	0%
Total	22	100%

I am overall satisfied with the course.

	Number of responses	Distribution (%)	Index (%) I am overall satisfied with the course	68
0 = I definitely do not agree	0	0%		
1	0	0%		
2	6	27%		
3	3	14%		
4	8	36%		
5 = I definitely agree	3	14%		
No opinion	2	9%		
Total	22	100%		

How much time have you spent on the course in relation to the course's study pace?

	Number of responses	Distribution (%)
Less time than the course study pace	4	18%
Corresponding to the course study pace	17	77%
More time than the course study pace	1	5%
Total	22	100%

The design of the course (teaching methods, literature, pedagogy, etc.) has been well adjusted to help me achieve the learning outcomes in the syllabus.

	Number of responses	Distribution (%)	Index (%) The design of the course (teaching methods, literature, pedagogy, etc.) has been well adjusted to help me achieve the learning outcomes in the syllabus.	
0 = I definitely do not agree	0	0%	70	
1	0	0%		
2	4	18%		
3	6	27%		
4	6	27%		
5 = I definitely agree	4	18%		
No opinion	2	9%		
Total	22	100%		

During the course examinations, I have had the opportunity to show that I have achieved the learning outcomes in the syllabus.

	Number of responses	Distribution (%)	Index (%) During the course examinations, I have had the opportunity to show that I have achieved the learning outcomes in the syllabus.	
0 = I definitely do not agree	0	0%	67	
1	2	9%		
2	3	14%		
3	5	23%		
4	4	18%		
5 = I definitely agree	5	23%		
No opinion	3	14%		
Total	22	100%		

I have experienced the social study environment as good during the course.

	Number of responses	Distribution (%)	Index (%) I have experienced the social study environment as good during the course.	
0 = I definitely do not agree	0	0%		
1	1	5%		
2	4	18%		
3	4	18%		
4	7	32%		
5 = I definitely agree	5	23%		
No opinion	1	5%		
Total	22	100%		70

Course satisfaction index

Satisfaction index % (summary of all statements)	69
--	----

As you know, the course consists of 3 parts, namely functional analysis, statistics and transforms. Is there any other part of mathematics that you think would be more beneficial for you to revise?