

MA8017 (Engineering Mathematics, HT 2023, Halmstad, E3128, H3117, X3128)

Number of possible respondents: 43

Answers: 22

Response rate: 51,16 %

Study pace: 50 %

Examiner's course analysis

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

The course has a good structure and reminds important concepts from previous studies. Teachers have positive attitudes and provide welcoming atmosphere during their classes

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

More practical exercises and solutions are desired as well as making available past exams.

Comments about the collaboration with the course ambassadors

Ambassadors were not appearing during the classes, but all students' issues/questions were solved/answered during the course.

Conclusion and suggestions for course development or already made decisions

Since the course is aimed for a bigger student group with diverse background, the entry requirements should be specified. An idea of entry test including main math concepts is under consideration for all master programs at ITE.

Other comments

The work regarding improving the course is continuous. Various adjustments are introduced every year and result in better structure. As for suggestions to include more "old" exams or extra-focusing on exercises, there is a risk of "localisation" and missing the conceptual understanding of the course content. The main goal for this course is to provide math basement for solving problems of specialisation (in future applied courses, master project, internships) rather than train on particular "math"-examples.

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	55
0 = I definitely do not agree	2	9%		
1	2	9%		
2	7	32%		
3	3	14%		
4	2	9%		
5 = I definitely agree	5	23%		
No opinion	1	5%		
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	0	0%
Corresponding to the course study pace	18	82%
More time than the course study pace	4	18%
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.	54
0 = I definitely do not agree	1	5%		
1	5	23%		
2	6	27%		
3	2	9%		
4	1	5%		
5 = I definitely agree	6	27%		
No opinion	1	5%		
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	2	9%	54	
1	4	18%		
2	4	18%		
3	6	27%		
4	1	5%		
5 = I definitely agree	5	23%		
No opinion	0	0%		
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%	68	
1	2	9%		
2	7	32%		
3	1	5%		
4	3	14%		
5 = I definitely agree	8	36%		
No opinion	1	5%		
Total	22	100%		

Course satisfaction index

Satisfaction index % (summary of all statements)	58
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