

MT8020 (Material Systems for Sustainable Design and Innovation, HT 2025, Halmstad, H0730, X0730)

Number of possible respondents: 24

Answers: 10

Response rate: 41,67 %

Study pace: 50 %

Examiner's course analysis

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

Nearly half of the students wrote that they found the course 'overall interesting and engaging' and that 'it works well and was well structured'. Further, the mixture of theory and practical work was highly appreciated. Pace seems to be ok.

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

Some students found the exam content to be unclear and did not know how to prepare. One reason could be the low attendance at lessons.

Comments about the collaboration with the course ambassadors

We decided to use a half-time evaluation instead, see 'Other comments'.

Conclusion and suggestions for course development or already made decisions

The course content and layout seemed to work fine, but the link between practical exercises and theory will be even better linked and if possible connected to an industrial application.

Other comments

10 out of 24 answered the evaluation. However, a half-time course evaluation was performed mid-term (251013) with 21 out of 24 respondents. Average rate for the course was then 8.4 (max 10) compared to 6.8 last year. The comments from the half-time evaluation are included in the answers above.

I am overall satisfied with the course.

	Number of responses	Distribution (%)	Index (%) I am overall satisfied with the course	70
0 = I definitely do not agree	0	0%		
1	0	0%		
2	1	10%		
3	4	40%		
4	4	40%		
5 = I definitely agree	1	10%		
No opinion	0	0%		
Total	10	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	2	20%
Corresponding to the course study pace	8	80%
More time than the course study pace	0	0%
Total	10	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%	68	
1	1	10%		
2	1	10%		
3	1	10%		
4	7	70%		
5 = I definitely agree	0	0%		
No opinion	0	0%		
Total	10	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%	66	
1	1	10%		
2	1	10%		
3	3	30%		
4	4	40%		
5 = I definitely agree	1	10%		
No opinion	0	0%		
Total	10	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%	88	
1	0	0%		
2	0	0%		
3	1	10%		
4	4	40%		
5 = I definitely agree	5	50%		
No opinion	0	0%		
Total	10	100%		

Course satisfaction index

Satisfaction index % (summary of all statements)	73
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The Optimization project helped me to enrich my knowledge in the topic

1 Not at all

1 Not at all	Number of responses	Distribution (%)
	0	0%
Total	0	0%

2

2	Number of responses	Distribution (%)
	1	100%
Total	1	100%

3

3	Number of responses	Distribution (%)
	1	100%
Total	1	100%

4

4	Number of responses	Distribution (%)
	3	100%
Total	3	100%

5 Yes, it helped a lot!

5 Yes, it helped a lot!	Number of responses	Distribution (%)
	5	100%
Total	5	100%

No opinion

No opinion	Number of responses	Distribution (%)
	0	0%
Total	0	0%

The lab (tribology) helped me to improve my understanding of the subject

1 Not at all

1 Not at all	Number of responses	Distribution (%)
	0	0%
Total	0	0%

2

2	Number of responses	Distribution (%)
	0	0%
Total	0	0%

3

3	Number of responses	Distribution (%)
	3	100%
Total	3	100%

4

4	Number of responses	Distribution (%)
	4	100%
Total	4	100%

5 Yes, it helped a lot!

5 Yes, it helped a lot!	Number of responses	Distribution (%)
	3	100%
Total	3	100%

No opinion

No opinion	Number of responses	Distribution (%)
	0	0%
Total	0	0%

The Case helped me to develop my skills in surface metrology and characterisation

1 Not at all

1 Not at all	Number of responses	Distribution (%)
	0	0%
Total	0	0%

2

2	Number of responses	Distribution (%)
	3	100%
Total	3	100%

3

3	Number of responses	Distribution (%)
	1	100%
Total	1	100%

4

4	Number of responses	Distribution (%)
	6	100%
Total	6	100%

5 Yes, it helped a lot!

5 Yes, it helped a lot!	Number of responses	Distribution (%)
	0	0%
Total	0	0%

No opinion

No opinion	Number of responses	Distribution (%)
	0	0%
Total	0	0%