

EL8003 (Semiconductor Devices, HT 2022, Halmstad, H3911, X3911)

Number of possible respondents: 12

Answers: 6

Response rate: 50,00 %

Study pace: 50 %

Examiner's course analysis

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

The textbook is some years old. I developed a course lecture notes in a systematic way, from quantum physics, solid state theory, semiconductor material science, to the device physics, closely correlated with the education program and students' education background. The results in teaching and deep-learning were very good.

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

A major problem in teaching is the limited mathematical knowledge as well as numerical programming in students' education background which limited the deep-learning of the course contents.

Comments about the collaboration with the course ambassadors

Close communications with students during the lectures, lab, and exercises and supervisions, were frequent and fruitful.

Conclusion and suggestions for course development or already made decisions

(1) The education background of students in mathematics and numerical programming, even in the education program, should be enhanced.

Other comments

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Gender

	Number of responses	Distribution (%)
Female	2	33%
Male	3	50%
Do not want to define	1	17%
Total	6	100%

I am overall satisfied with the course.

	Number of responses	Distribution (%)	Index (%) I am overall satisfied with the course	87
0 = I definitely do not agree	0	0%		
1	0	0%		
2	0	0%		
3	1	17%		
4	2	33%		
5 = I definitely agree	3	50%		
No opinion	0	0%		
Total	6	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	5	83%
More time than the course study pace	1	17%
Total	6	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 (%)
0 = I definitely do not agree	0	0%
1	0	0%
2	0	0%
3	1	17%
4	1	17%
5 = I definitely agree	4	67%
No opinion	0	0%
Total	6	100%

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.

90

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 (%)
0 = I definitely do not agree	0	0%
1	0	0%
2	0	0%
3	0	0%
4	3	50%
5 = I definitely agree	3	50%
No opinion	0	0%
Total	6	100%

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

90

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	0	0%		
2	2	33%		
3	0	0%		
4	2	33%		
5 = I definitely agree	2	33%		
No opinion	0	0%		
Total	6	100%		73

Course satisfaction index

Satisfaction index % (summary of all statements)	85
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