

EL8003 (Semiconductor Devices, HT 2025, Halmstad, E3911, H3911, X3911)

Number of possible respondents: 22

Answers: 14

Response rate: 63,64 %

Study pace: 50 %

Examiner's course analysis

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

By the "Kursvärderingsrapport EN med fritextsvar:" the strength consists of dedicated/supportive teacher always willing to help, the way he delivered the lectures, with a very good knowledge on the subject, lecture notes, corresponding laboratory sessions, the aim of the course (to gain a deeper understanding rather than merely memorizing facts).

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

From Kursvärderingsrapport EN med fritextsvar:" (a) As this is a very short period for this vast subject may be the syllabus can be shorten a bit or may be the period of study can be increased as it is tightly packed and in a very fast pace. (b) And because some devices are expensive, we weren't allowed to touch them much, like network analyzers. If we don't tinker, we can't learn. From the teacher: the prerequisite knowledge of the students in both fundamental physics and math is weak.

Comments about the collaboration with the course ambassadors

There was not kursambassadörerna (one reason is that the course is participated by different education programmes). The communications between the teacher and students about all aspects of the course occurred mostly spontaneously, during the lecture breaks, questions/answers moments.

Conclusion and suggestions for course development or already made decisions

As by last year's suggestions from students asking "more classes should be provided for group discussion on problems and theory so that we can compare our answers with others, if possible, with guidance from the professor," this year I added a few simplified, graphic model case studies; "supervision" moments had been dedicated to study/analyze/discuss problems originated from the students. The results were very good. For the future, it was discussed to open summer preparatory school to enhance the prerequisite knowledge but it may be too unrealistic.

Other comments

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I am overall satisfied with the course.

	Number of responses	Distribution (%)	Index (%) I am overall satisfied with the course	89
0 = I definitely do not agree	0	0%		
1	0	0%		
2	1	7%		
3	2	14%		
4	1	7%		
5 = I definitely agree	10	71%		
No opinion	0	0%		
Total	14	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	1	7%
Corresponding to the course study pace	8	57%
More time than the course study pace	5	36%
Total	14	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 (%)	
0 = I definitely do not agree	1	7%	The design of the course (teaching methods, literature, pedagogy, etc.) has been well adjusted to help me achieve the learning outcomes in the syllabus.	80
1	0	0%		
2	1	7%		
3	2	14%		
4	2	14%		
5 = I definitely agree	8	57%		
No opinion	0	0%		
Total	14	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 (%)	
0 = I definitely do not agree	0	0%	During the course examinations, I have had the opportunity to show that I have achieved the learning outcomes in the syllabus.	79
1	1	7%		
2	2	14%		
3	1	7%		
4	3	21%		
5 = I definitely agree	7	50%		
No opinion	0	0%		
Total	14	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	1	7%	86	
1	0	0%		
2	0	0%		
3	1	7%		
4	2	14%		
5 = I definitely agree	9	64%		
No opinion	1	7%		
Total	14	100%		

Course satisfaction index

Satisfaction index % (summary of all statements)	83
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