

EL8006 (Nanoelectronics, VT 2026, Halmstad, V3950, X3950)

Number of possible respondents: 21

Answers: 10

Response rate: 47,62 %

Study pace: 50 %

Examiner's course analysis

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

The course gives an introduction to theory, manufacturing and characterization of semiconductor materials and devices. The course evaluation was quite positive (91% satisfaction index).

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

The main problems with the course are low attendance (25-30%) to lectures and rather poor prior knowledge in relevant subject areas. Many students also lack practical skills in measurement techniques and assembling simple electronic circuits.

Comments about the collaboration with the course ambassadors

It was not possible to recruit any course ambassadors

Conclusion and suggestions for course development or already made decisions

The student attendance must be improved. A main problem is that many of the students do not live in Halmstad. The lectures are not (and will not be) recorded, which means that 70-75% % of the students do not really get involved in the teaching activities.

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	90
0 = I definitely do not agree	0	0%		
1	0	0%		
2	0	0%		
3	1	10%		
4	3	30%		
5 = I definitely agree	6	60%		
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	0	0%
Corresponding to the course study pace	8	80%
More time than the course study pace	2	20%
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%	92	
1	0	0%		
2	0	0%		
3	0	0%		
4	4	40%		
5 = I definitely agree	6	60%		
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%	92	
1	0	0%		
2	0	0%		
3	1	10%		
4	2	20%		
5 = I definitely agree	7	70%		
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%	90	
1	0	0%		
2	0	0%		
3	1	10%		
4	3	30%		
5 = I definitely agree	6	60%		
No opinion	0	0%		
Total	10	100%		

Course satisfaction index

Satisfaction index % (summary of all statements)	91
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