

EL8006 (Nanoelectronics, VT 2025, Halmstad, V3950, X3951)

Number of possible respondents: 35

Answers: 22

Response rate: 62,86 %

Study pace: 50 %

Examiner's course analysis

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

Kursen ger en bra introduktion till halvledarteknik i allmänhet och nanoelektronik i synnerhet. Kursen ger också studenterna en god inblick i kvantfysik och hur denna kan användas för att designa avancerade halvledarkomponenter.

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

Jämfört med tidigare år har vi glädjande nog många fler utländska studenter än tidigare. Tyvärr dyker dock många av studenterna inte upp på föreläsningar och övningar. Detta gör att dom har svårt att ta till sig innehållet och klarar då ofta inte heller tentan. Vidare har många studenter stora kunskapsluckor i grundläggande fysik, elektronik samt laborativt arbete vilket gör det svårt för dom att hänga med.

Comments about the collaboration with the course ambassadors

Ingen kursambassadör kunde tyvärr rekryteras

Conclusion and suggestions for course development or already made decisions

Laborationssalen vi har tillgång till är för liten, vilket gör att det blir mycket trångt. Vi har påtalat att vi behöver labbsalar som kan hantera 30+ studenter.

Vi har också planer på att genomföra en kort introduktionskurs i laborativt arbete i början av höstterminen.

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	88
0 = I definitely do not agree	0	0%		
1	1	5%		
2	0	0%		
3	1	5%		
4	7	32%		
5 = I definitely agree	13	59%		
No opinion	0	0%		
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	1	5%
Corresponding to the course study pace	17	77%
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 (%)
0 = I definitely do not agree	0	0%
1	1	5%
2	0	0%
3	1	5%
4	10	45%
5 = I definitely agree	10	45%
No opinion	0	0%
Total	22	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.

85

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	1	5%
2	0	0%
3	0	0%
4	11	50%
5 = I definitely agree	10	45%
No opinion	0	0%
Total	22	100%

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

86

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%	92	
1	0	0%		
2	0	0%		
3	0	0%		
4	9	41%		
5 = I definitely agree	13	59%		
No opinion	0	0%		
Total	22	100%		

Course satisfaction index

Satisfaction index % (summary of all statements)	88
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