

EL8010 (Applied Electromagnetics, HT 2025, Halmstad, E3913, H3913, X3913)

Number of possible respondents: 23

Answers: 13

Response rate: 56,52 %

Study pace: 50 %

Examiner's course analysis

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

The course was a bit tough, but the lectures were good and made it easier to follow. The course was well organized and syllabus was well structured and the professor is having a great knowledge about the subject. Overall course was really to acquire more knowledge deeply on the electromagnetism .

Laboratory work

More over than theory they prefer practical knowledge.

One of the best parts of the course is the way our Professor has delivered the lectures, solving as many problems, and the other thing is related to the lab session of designing and simulating a Coplanar Wave Guide. I do appreciate the effort of Prof. Ying Fu, who nourished us with the concepts of applied electromagnetism within a short span of time,

An Electronic Design course teaches how to design, build, and test electronic circuits and systems. It combines theory, simulation, and hands-on hardware work.

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

The span of the course is too short, and it is really hard to get into the concepts covered. Use clear objectives at the start of each section.

Application experiments should be increased.

Solving some more numerical problems in class would make learning easier

Comments about the collaboration with the course ambassadors

Course ambassador was discussed at the first lecture. But because the course is taken by students from different education programs, we could not fix the Course ambassador. Instead, it was agreed that any questions were directly communicated with me. And, it worked quite well.

Conclusion and suggestions for course development or already made decisions

This year I added a few simplified, graphic model case studies; In the "Exercise" moments, it was not only me showing students how I analyze and solve problems, I had tried to push the students to do the recommended homeworks on the whiteboards. The results were very good.

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	83
0 = I definitely do not agree	1	8%		
1	0	0%		
2	1	8%		
3	1	8%		
4	1	8%		
5 = I definitely agree	9	69%		
No opinion	0	0%		
Total	13	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	8%
Corresponding to the course study pace	7	54%
More time than the course study pace	5	38%
Total	13	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	1	8%
1	0	0%
2	1	8%
3	0	0%
4	3	23%
5 = I definitely agree	8	62%
No opinion	0	0%
Total	13	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.

83

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	4	31%
4	1	8%
5 = I definitely agree	7	54%
No opinion	1	8%
Total	13	100%

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

85

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%	93	
1	0	0%		
2	1	8%		
3	0	0%		
4	1	8%		
5 = I definitely agree	10	77%		
No opinion	1	8%		
Total	13	100%		

Course satisfaction index

Satisfaction index % (summary of all statements)	86
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