

DT8007 (Design of Embedded and Intelligent Systems, HT 2024, Halmstad, H3420, X3421)

Number of possible respondents: 18

Answers: 9

Response rate: 50,00 %

Study pace: 50 %

Examiner's course analysis

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

Freedom in the project and helpful teachers.

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

High work load: much for students to decide, too many robots, much info in lectures not tied to the project.

Comments about the collaboration with the course ambassadors

Both course ambassadors were very nice and could give good feedback since they were competent and experienced.—Thanks to them!

Conclusion and suggestions for course development or already made decisions

We can try to help students to decide what they will do by adjusting the course description more quickly after the students decide a theme.

We can try to clarify that students do not have to use all robots available to them; how to get a grade is described in the grading matrix, which doesn't specify which robots to use.

While lectures and project are intended to be mostly independent, and there will always be gaps depending on design decisions, etc., we can ask all teachers to check to make sure their lectures have some small component that is relevant for the project (e.g. a student suggested discussing ROS2 in the communications lecture).

There were also many comments received outside of the evaluation that we will handle, like adding info on how to work with voltage/current, and make it clearer that the labs are not a big part of getting robots to work and a big part of the project is getting a system to work by yourself, etc. (Students taking this course are expected to already know some things about engineering, so we won't focus just on basic theory, but go a bit further.)

Other comments

Thank you to all the participating students for providing the feedback for the course. Wojciech and Martin

Gender

	Number of responses	Distribution (%)
Female	2	22%
Male	6	67%
Do not want to define	1	11%
Total	9	100%

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	0	0%		
3	2	22%		
4	1	11%		
5 = I definitely agree	6	67%		
No opinion	0	0%		
Total	9	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	11%
Corresponding to the course study pace	5	56%
More time than the course study pace	3	33%
Total	9	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.	87
0 = I definitely do not agree	0	0%		
1	0	0%		
2	1	11%		
3	0	0%		
4	3	33%		
5 = I definitely agree	5	56%		
No opinion	0	0%		
Total	9	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%		
1	0	0%		
2	0	0%		
3	2	22%		
4	3	33%		
5 = I definitely agree	4	44%		
No opinion	0	0%		
Total	9	100%		84

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	1	11%		
2	0	0%		
3	1	11%		
4	2	22%		
5 = I definitely agree	5	56%		
No opinion	0	0%		
Total	9	100%		82

Course satisfaction index

Satisfaction index % (summary of all statements)	86
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