

DT8025 (Real-Time Embedded Systems, HT 2025, Halmstad, E3434, H3434, X3434)

Number of possible respondents: 43

Answers: 22

Response rate: 51,16 %

Study pace: 50 %

Examiner's course analysis

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

According to the result, students enjoyed the assignments, mentioning their alignment with lecture content and well-structured design. Lectures are described as clear and informative, supported by high-quality slides and relevant literature. Students also appreciated the helpful supervision and supportive resources that improved their understanding. Overall, the course is regarded as engaging, well-organised, and effective in helping students learn important concepts.

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

Students mentioned the following areas for improvement: the workload associated with the assignments is too heavy for 1.5hp, and the 4th assignment was challenging. The exam was also challenging, and students requested more practice exams. Bonus assignments require more clarification. Some students also requested more programming support and individual Lab kits.

Comments about the collaboration with the course ambassadors

We have not included course ambassadors.

Conclusion and suggestions for course development or already made decisions

First, we would like to thank all the students who took the time to answer the course evaluation. 22 students (51%) answered the course evaluation. The course satisfaction index was 82%, which we consider very good, indicating that our efforts to improve the intended learning outcomes were successful. The current course structure promotes positive course dynamics, enabling students to achieve the intended learning outcomes. However, we also consider adjusting the number of credits allocated to different assessment tasks.

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	80
0 = I definitely do not agree	1	5%		
1	2	9%		
2	0	0%		
3	1	5%		
4	7	32%		
5 = I definitely agree	11	50%		
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	14	64%
More time than the course study pace	7	32%
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	1	5%
3	1	5%
4	9	41%
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.

84

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	4	18%
4	7	32%
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.

83

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	5%		
1	2	9%		
2	1	5%		
3	1	5%		
4	2	9%		
5 = I definitely agree	15	68%		
No opinion	0	0%		
Total	22	100%		82

Course satisfaction index

Satisfaction index % (summary of all statements)	82
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The integration of the AI-agent in this course supported my learning and helped me achieve the intended learning outcomes.

The integration of the AI-agent in this course supported my learning and helped me achieve the intended learning outcomes.	Number of responses	Distribution (%)
Strongly disagree	0	0%
Disagree	0	0%
Somewhat disagree	0	0%
Neither agree nor disagree	3	14%
Somewhat agree	7	32%
Agree	7	32%
Strongly agree	3	14%
Never used the agent	2	9%
Total	22	100%

Describe how the AI-agent influenced your learning experience in this course (for example, understanding of content, workload, motivation, or interaction with teachers/peers)