

DT8022 (Robotics, VT 2025, Halmstad, V3436, X3437)

Number of possible respondents: 12

Answers: 5

Response rate: 41,67 %

Study pace: 50 %

Examiner's course analysis

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

Students highlighted several aspects they appreciated most about the course. They especially valued the opportunity to work hands-on with a robot, allowing them to apply theoretical knowledge practically. The engaging project work was enjoyable and educational, offering a meaningful connection between theory and practice. Additionally, the positive study environment and overall course experience were praised, with one student expressing wholehearted satisfaction, saying they loved everything about the course.

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

Students suggested several improvements to the course structure. A recurring theme was the order and timing of the labs. Many felt it would be more effective to start with the LIDAR component, followed by the motors, and end with the camera, as the camera setup required less time. They noted that the early part of the course included much idle time that could have been better used for the more time-consuming components. There was also a specific call to switch lab two with another lab, as it required more time than the others. Additionally, several students mentioned issues with the Cox-Scan-Match task, suggesting it should be placed earlier in the course to make the final stages less difficult.

Comments about the collaboration with the course ambassadors

Nothing to report.

Conclusion and suggestions for course development or already made decisions

There will be a discussion about how to organise the laboratory exercises best.

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	0	0%		
2	0	0%		
3	0	0%		
4	3	60%		
5 = I definitely agree	2	40%		
No opinion	0	0%		
Total	5	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	1	20%
More time than the course study pace	4	80%
Total	5	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	20%
1	1	20%
2	0	0%
3	1	20%
4	2	40%
5 = I definitely agree	0	0%
No opinion	0	0%
Total	5	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.

48

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	1	20%
4	1	20%
5 = I definitely agree	3	60%
No opinion	0	0%
Total	5	100%

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

88

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	2	40%		
5 = I definitely agree	3	60%		
No opinion	0	0%		
Total	5	100%		

Course satisfaction index

Satisfaction index % (summary of all statements)	79
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