

DT8022 (Robotics, VT 2023, Halmstad, V3436, X3436)

Number of possible respondents: 23

Answers: 11

Response rate: 47,83 %

Study pace: 50 %

Examiner's course analysis

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

The students thought it was a beneficial and challenging course. They like implementing the theory learned from previous courses (e.g. Intelligent Vehicles) and seeing everything come together. They expressed that the result was very rewarding, and the gamified way the course was given was motivating. The work in practice provides greater understanding and allows students to learn better than any exam.

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

Students want better feedback on different course parts, e.g. each preliminary examination. Students also addressed that the workload in the course is too high and suggested that the issues regarding hardware (especially the Servo, which needs to be operational) be fixed, and the number detection is removed ("unnecessary"). They also mentioned that the robotics lab is too tiny concerning the number of students; in particular, ventilation is critical. Moreover, some safety issues regarding the battery types used were of concern.

Comments about the collaboration with the course ambassadors

Nothing to report.

Conclusion and suggestions for course development or already made decisions

It's suggested that information on the blackboard is improved and likewise the feedback at various examinations. The process of addressing the safety issues regarding the batteries has been initiated.

Other comments

This year new hardware was introduced. Over the last two decades, many generations of hardware have been developed in our university to follow contemporary hardware standards. As always, testing all use cases is hard, and hardware/software issues found during the course will be addressed until the next class is given.

Gender

	Number of responses	Distribution (%)
Female	0	0%
Male	11	100%
Do not want to define	0	0%
Total	11	100%

I am overall satisfied with the course.

	Number of responses	Distribution (%)	Index (%) I am overall satisfied with the course	45
0 = I definitely do not agree	4	36%		
1	1	9%		
2	1	9%		
3	1	9%		
4	1	9%		
5 = I definitely agree	3	27%		
No opinion	0	0%		
Total	11	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	0	0%
More time than the course study pace	11	100%
Total	11	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	3	27%
1	3	27%
2	2	18%
3	1	9%
4	1	9%
5 = I definitely agree	0	0%
No opinion	1	9%
Total	11	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.

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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	2	18%
1	0	0%
2	1	9%
3	1	9%
4	1	9%
5 = I definitely agree	6	55%
No opinion	0	0%
Total	11	100%

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

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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	4	36%		
1	1	9%		
2	2	18%		
3	2	18%		
4	0	0%		
5 = I definitely agree	2	18%		
No opinion	0	0%		
Total	11	100%		38

Course satisfaction index

Satisfaction index % (summary of all statements)	46
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