

DI4020 (Web Systems Fundamentals and Databases, VT 2025, Halmstad, E3902, V3902, X3902)

Number of possible respondents: 91

Answers: 45

Response rate: 49,45 %

Study pace: 33 %

Examiner's course analysis

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

Based on the course evaluation results, the strengths of the course include a strong emphasis on practical, hands-on learning through engaging lab sessions and a challenging group project that allowed students to apply theoretical knowledge to real-world scenarios. The course is well structured, with clear, engaging lectures, modular exams, and comprehensive supporting materials and exercises. Students appreciated the teacher's dedication, responsiveness, and ability to make the content enjoyable. The fair grading system for group projects ensured accountability and encouraged collaboration. Additionally, students gained valuable web development and database design skills, deepening their understanding of how websites and databases function in practice.

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

Based on the course evaluation results, the main weaknesses identified include an excessive workload, particularly related to the labs and the group project, which many students felt required significantly more time than anticipated. However, it is important to note that students were given 11 weeks and four supervision sessions to complete the project, and the labs were intentionally designed to prepare students for this task. Additionally, students found the exams challenging and notably different from previous years' formats, which made preparation more difficult. Concerns were also raised about group dynamics, with some students feeling unsupported or excluded due to uneven participation within project teams.

Comments about the collaboration with the course ambassadors

The examiner chose not to implement the course ambassador model. Instead, student feedback was actively encouraged through open discussions during lectures, lab sessions, and group supervisions, providing multiple opportunities for students to voice their opinions and suggest improvements. Adjustments to teaching and learning activities were made during the course in consultation with students, reflecting a responsive and participatory approach to course development.

Conclusion and suggestions for course development or already made decisions

Based on the feedback received from the course evaluation, the course is highly valued for its practical orientation, particularly the hands-on labs and the group project, which effectively helped students apply theoretical knowledge to real-world scenarios. The lectures were described as well-structured and engaging, and many students appreciated the instructor's responsiveness and commitment. However, a recurring concern was the excessive workload, especially in relation to the course's 11 hp and 33% study pace. Many students reported that the time required far exceeded expectations, making it difficult to balance with other concurrent courses.

The labs and project were perceived as too demanding, particularly for students without prior experience, and the exams were found difficult. As a result, students strongly recommended better pacing of lectures, and a more balanced distribution of workload to enhance learning and reduce stress. Additional support activities, such as supervision sessions, were also suggested. Furthermore, students proposed randomizing group assignments to promote fairness in

collaborative work.

Other comments

We extend our sincere thanks to all students who participated in the course evaluation and shared their valuable feedback and suggestions. The response rate was 50%, providing a solid foundation for understanding the student experience. According to the responses, the overall course satisfaction index was 61%. While this reflects a generally positive perception, it also highlights areas where further efforts are needed to enhance the achievement of intended learning outcomes and overall course satisfaction.

I am overall satisfied with the course.

	Number of responses	Distribution (%)	Index (%) I am overall satisfied with the course	59
0 = I definitely do not agree	2	4%		
1	7	16%		
2	8	18%		
3	12	27%		
4	6	13%		
5 = I definitely agree	10	22%		
No opinion	0	0%		
Total	45	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	4	9%
Corresponding to the course study pace	11	24%
More time than the course study pace	30	67%
Total	45	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	7%
1	5	11%
2	10	22%
3	11	24%
4	8	18%
5 = I definitely agree	8	18%
No opinion	0	0%
Total	45	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.

58

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	1	2%
1	9	20%
2	7	16%
3	7	16%
4	11	24%
5 = I definitely agree	9	20%
No opinion	1	2%
Total	45	100%

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

60

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	2%		
1	5	11%		
2	5	11%		
3	6	13%		
4	11	24%		
5 = I definitely agree	13	29%		
No opinion	4	9%		
Total	45	100%		69

Course satisfaction index

Satisfaction index % (summary of all statements)	61
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